INSPIRE 3: ProRes RAW - DNG

How to import in Premiere Pro and Davinci Resolve ProRes RAW and DNG files.

Come importare in Premiere Pro e Davinci Resolve i due formati ProRes RAW e DNG.

Bapu
Media production

INSPIRE 3

DNG-Prores RAW

N.B. we do not recommend to shoot in Prores Raw if you do color correction in Davinci Resolve

The best solution is:
- Color in Premiere Pro → Shoot in Prores Raw
- Color in Davinci Resolve → Shoot in DNG

N.B. Sconsigliamo di girare in ProRes RAW se la color correction viene fatta di Davinci Resolve

La soluzione migliore è:
- Color in Premiere Pro → Girare in formato Prores Raw
- Color in Davinci Resolve → Girare in formato DNG

English

1. Windows
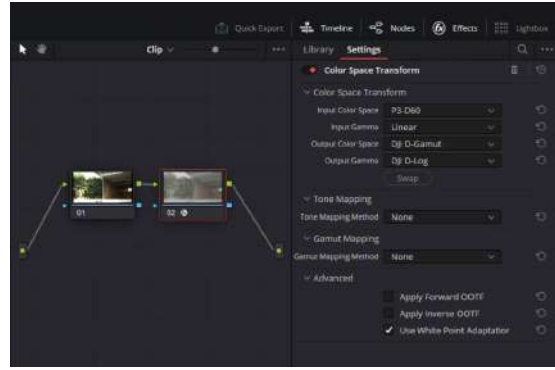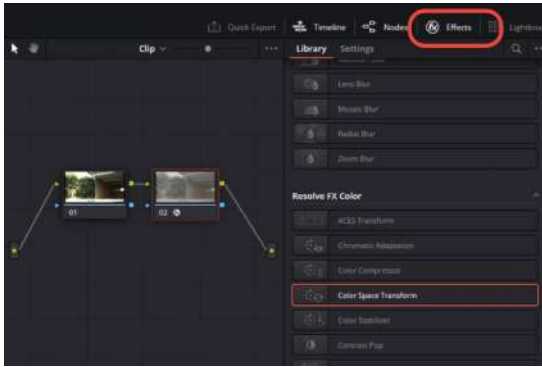
1.1 How to import ProRes RAW/DNG in <u>Davinci Resolve</u>

1. To import **Prores Raw file** in Davinci Resolve you have to convert it to DNG. To convert it download **Raw Convertor app** https://www.rawconvertor.com/, a conversion app recommended by Apple . There is a free version and a Pro version with license (90 euros). With the free version you can convert only the first 300 frames;
2. Import, also in batch mode, all the file and convert it;
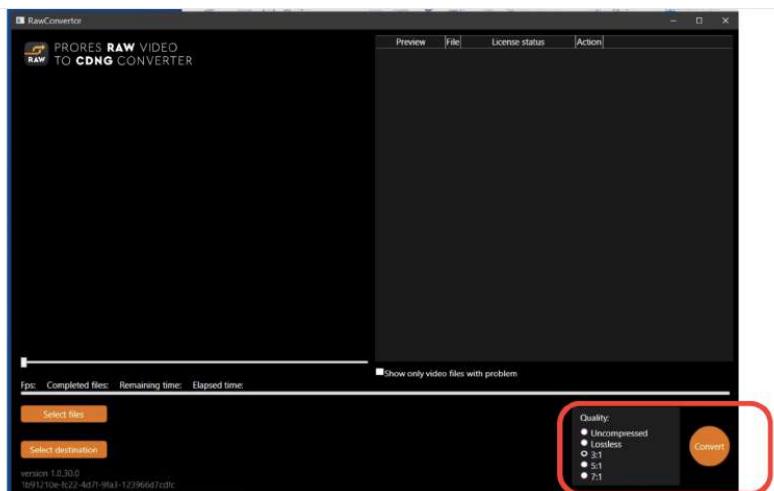
3. Import your DNG file in Davinci Resolve:
    Import < Media < Select all the DNG file;
4. Create a new timeline from the imported sequence;
5. If Davinci doesn't import the file as a sequence follow this step: Media storage < three dots on the upper right corner < Frame Display Mode < Sequence
6. Select the "Color" window;
7. In the "camera raw" window select this parameters for every clip;

8. Click **Effects** on the upper right corner. Select **Color Space Transform**, click and hold, andthen drag it out to create a node. Select **P3 D60** in Input Color Space. Select **Linear** in Input Gamma. Select **DJI D-Gamut** in Output Color Space. Select **DJI D-Log** in Output Gamma. Select **None** in Tone Mapping Method.

9. If you want upload and use the original rec.709 from DJI, you can find it here:
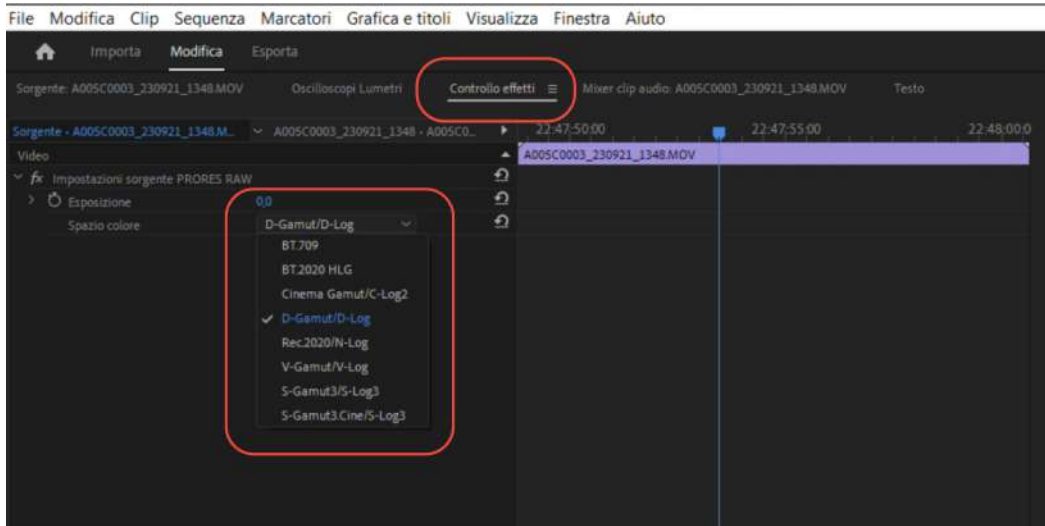   https://www.dji.com/it/downloads/softwares/dji-zenmuse-x9-dlog2rec709-lut
   Copy and Paste the Lut in library < Application support < Blackmagic Design < Davinci Resolve <
   Lut < DJI
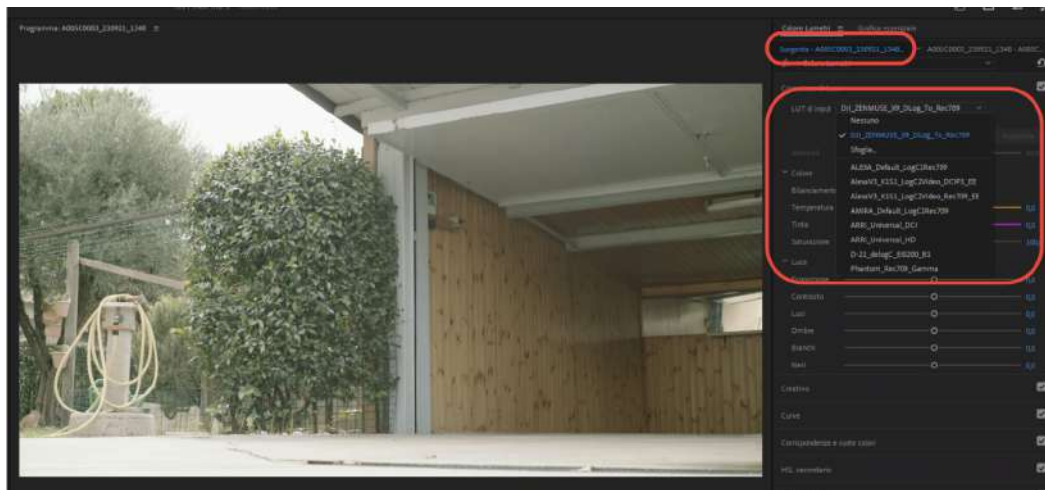   After that you can find this Lut in: LUT < DJI

1.2 How to import ProRes RAW in Premiere Pro

1. DOWNLOAD: https://support.apple.com/kb/DL2033?locale=it_IT
2. Import you clip from the import panel;
3. Create a sequence with the clip;
4. In "control effects" select D-Gamut/D-Log as **space color** in the source video panel;

5. If you want upload and use the original rec.709 from DJI, you can find it here:
   https://www.dji.com/it/downloads/softwares/dji-zenmuse-x9-dlog2rec709-lut
6. Once you have downloaded it, upload it in the Lut section.

1.3 How to convert ProRes RAW in ProRes 4444 XQ with Premiere Pro

1. Import clip in premiere pro;
2. Create a new **timeline** with your clip;
3. In "control effects" select D-Gamut/D-Log as **space color** in the source video panel;
4. Export your clip in Prores 4444 XQ from Premiere Pro;
5. After that you can import the file in Davinci resolve but without all the camera raw settings.

<u>In Adobe Media Encoder</u>

The conversion from ProRes RAW to ProRes 4444 XQ is not possible because you can't set the space color directly in media encoder.

1.4 How to import DNG file in <u>Premiere Pro</u>

1. Import the first file of your DNG sequence;
2. Create a new timeline with the sequence;
3. Select "control effect" to modify Cinema DNG parameters in the source video panel;
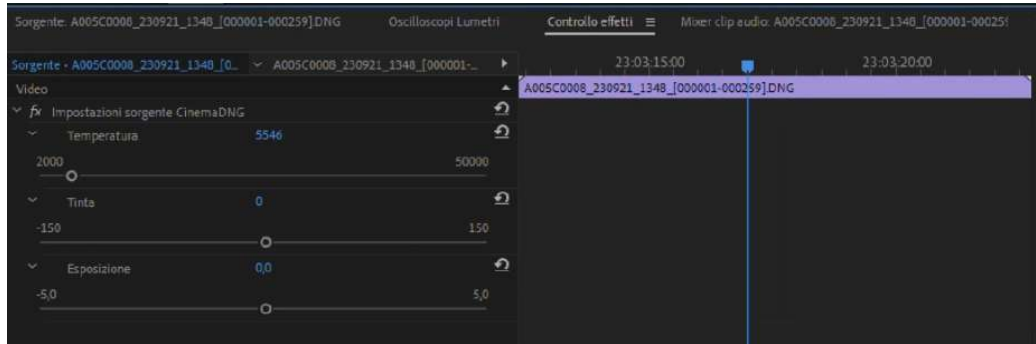
4. It is possible to change only temperature, tint and exposition.

2. MAC OS

2.1 How to import ProRes RAW in Premiere Pro

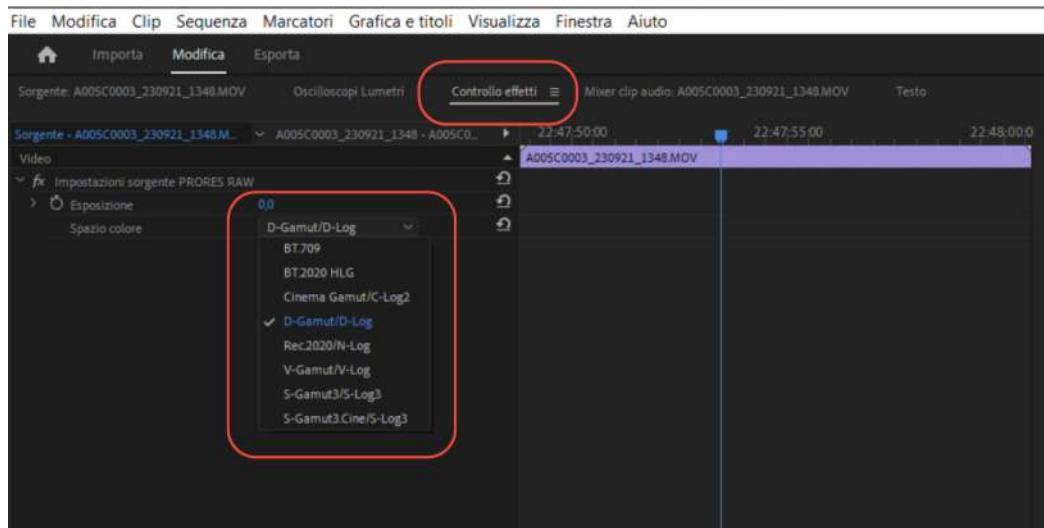1. DOWNLOAD : https://support.apple.com/kb/DL2100?locale=it_IT
2. Import you clip from the import panel;
3. Create a sequence with the clip;
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5. If you want upload and use the original rec.709 from DJI, you can find it here: https://www.dji.com/it/downloads/softwares/dji-zenmuse-x9-dlog2rec709-lut
6. Once you have downloaded it, upload it in the Lut section.
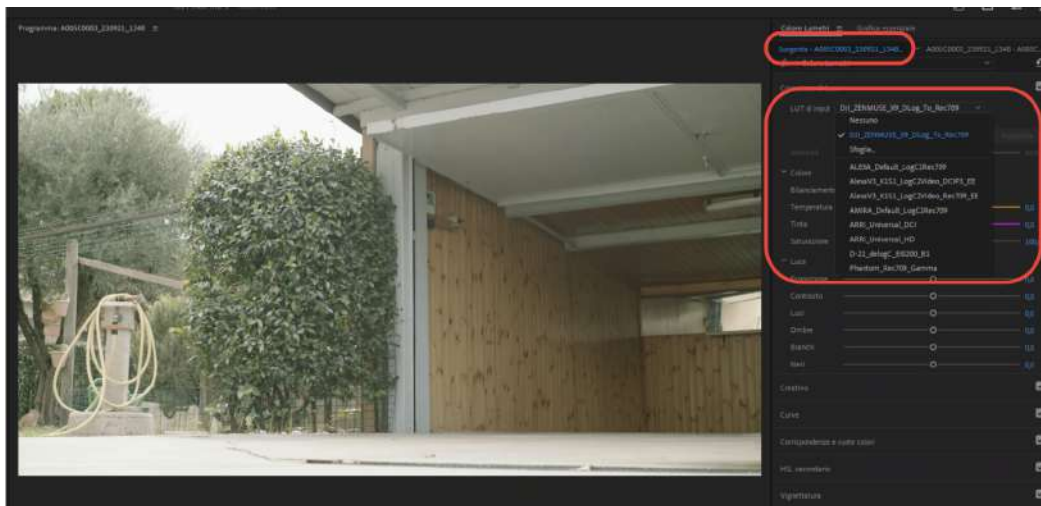
2.2 How to import DNG file in Davinci Resolve

1. Import your DNG file in Davinci Resolve:
   a. import < media < select all the DNG file;
   b. If Davinci doesn't import the file as a sequence follow this step: Media storage < three dots on the upper right corner < Frame Display Mode < Sequence
2. Create a new timeline from the imported sequence;
3. Select the "Color" window;
4. In the "camera raw" window set this parameters for every clip

5. Click **Effects** on the upper right corner. Select **Color Space Transform**, click and hold, andthen drag it out to create a node. Select **P3 D60** in Input Color Space. Select **Linear** in Input Gamma. Select **DII D-Gamut** in Output Color Space. Select **DJI D-Log** in Output Gamma. Select **None** in Tone Mapping Method. Keep the default values for the rest of the settings.

6. If you want upload and use the original rec.709 from DJI, you can find it here:
   https://www.dji.com/it/downloads/softwares/dji-zenmuse-x9-dlog2rec709-lut
   Copy and Paste the Lut in Library < Application support < Blackmagic Design < Davinci Resolve < Lut < DJI
   After that you can find this Lut in: LUT < DJI

2.3 How to import DNG file in Premiere Pro

1. Import the first file of your DNG sequence;
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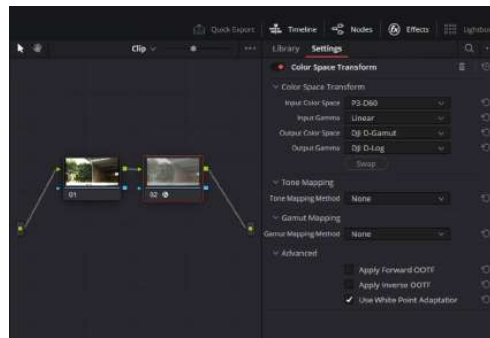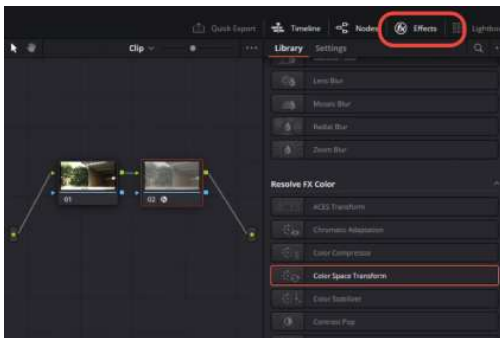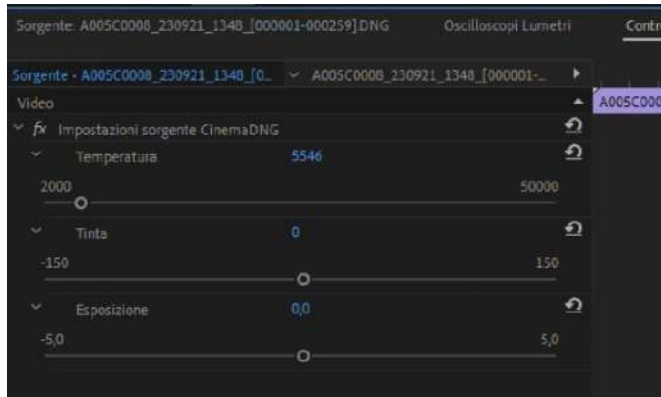4. it is possible to change only the temperature, tint and exposition.

## 2.4 How to import ProRes RAW file in Davinci Resolve

1. To import **Prores Raw file** in Davinci Resolve you have to convert it to DNG. To convert it download **Raw Convertor app** https://www.rawconvertor.com/, a conversion app recommended by Apple . There is a free version and a Pro version with license (90 euros). With the free version you can convert only the first 300 frames;
2. Import, also in batch mode, all the file and convert it;
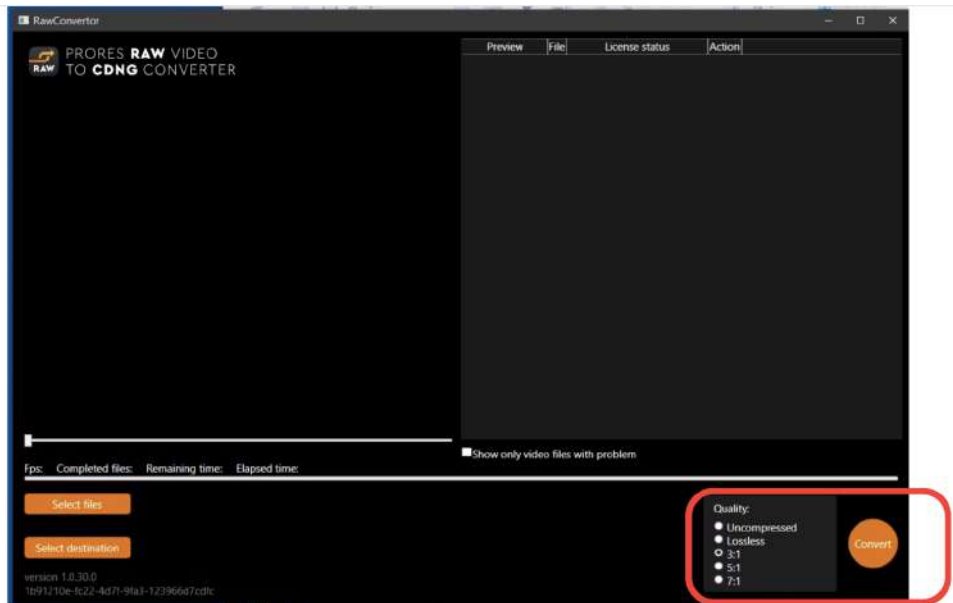
3. Import your DNG file in Davinci Resolve:
    a. Import < Media < Select all the DNG file;
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4. Create a new timeline from the imported sequence;
5. Select the "Color" window;
6. In the "camera raw" window select this parameters for every clip;
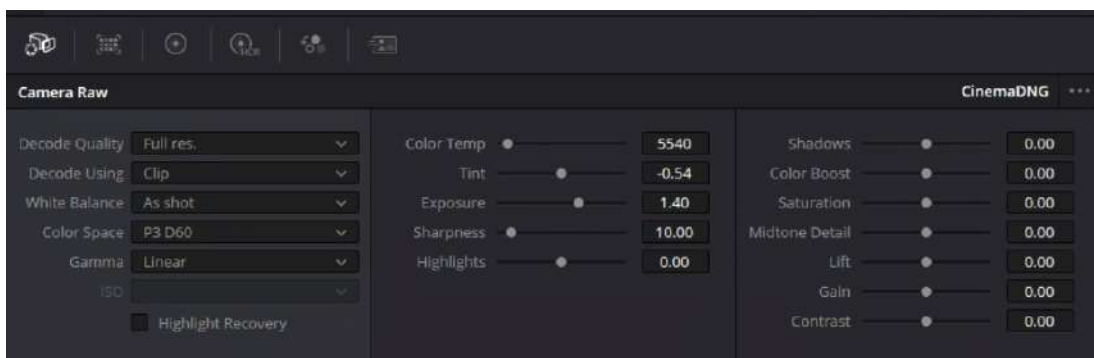
7. Click **Effects** on the upper right corner. Select **Color Space Transform**, click and hold, andthen drag it out to create a node. Select **P3 D60** in Input Color Space. Select **Linear** in Input Gamma. Select **DJI D-Gamut** in Output Color Space. Select **DJI D-Log** in Output Gamma. Select **None** in Tone Mapping Method.
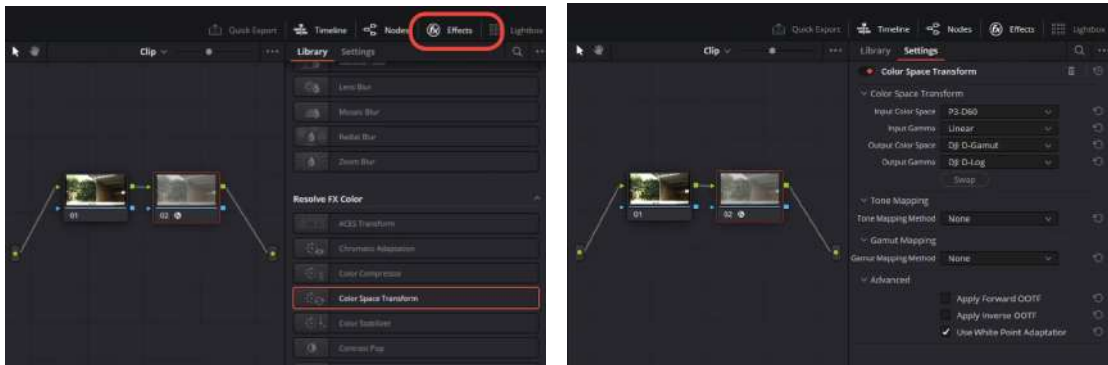
8. If you want upload and use the original rec.709 from DJI, you can find it here:
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Copy and Paste the Lut in Library < Application support < Blackmagic Design < Davinci Resolve < Lut < DJI
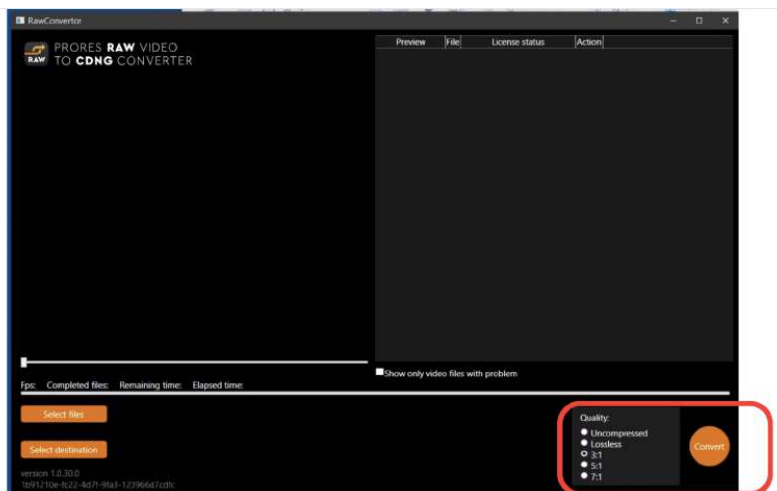After that you can find this Lut in: LUT < DJI
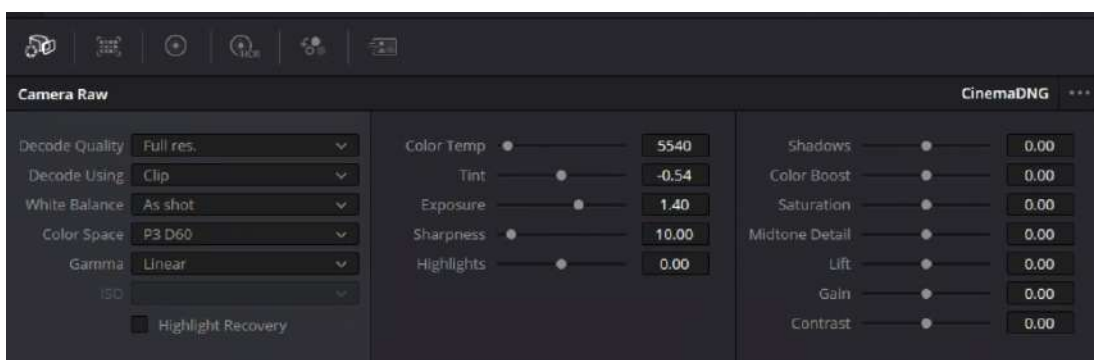
Italiano

2. Windows
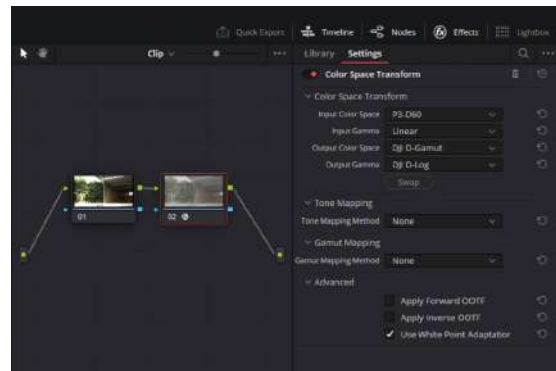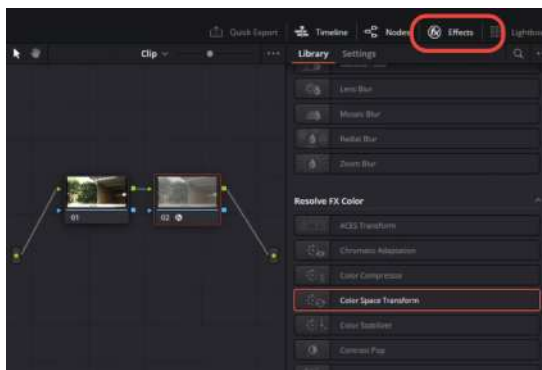
1.1 Come importare ProRes RAW/DNG in <u>Davinci Resolve</u>

1. Per importare un file Prores Raw in DaVinci Resolve è necessario convertirlo in DNG. Per farlo, scarica l'app Raw Convertor a questo link <u>https://www.rawconvertor.com/</u>, un'app di conversione consigliata da Apple. Esiste una versione gratuita e una versione Pro con licenza (90 euro). Con la versione gratuita puoi convertire solo i primi 300 fotogrammi;
2. Importa le tue clip, anche in modalità batch e convertile;

3. Importa il tuo file DNG in Davinci Resolve:
   a. Import < Media < Seleziona tutti i tuoi file DNG;
   b. Se Davinci Resolve non importa il file come una sequenza segui questi step: Media storage < tre puntini in alto a destra < Frame Display Mode < Sequence
4. Crea una nuova timeline con la sequenza importata;
5. Seleziona la finestra "Colore;
6. Nella finestra "camera raw" seleziona questi parametri per ogni clip:

7. Clicca su **Effects** nell'angolo in alto a destra. Seleziona **Color Space Transform**, clicca e trascina per creare un nuovo nodo. Seleziona **P3 D60** in Input Color Space. Seleziona **Linear** in Input Gamma. Seleziona **DJI D-Gamut** in Output Color Space. Seleziona **DJI D-Log** in Output Gamma. Seleziona **None** in Tone Mapping Method.
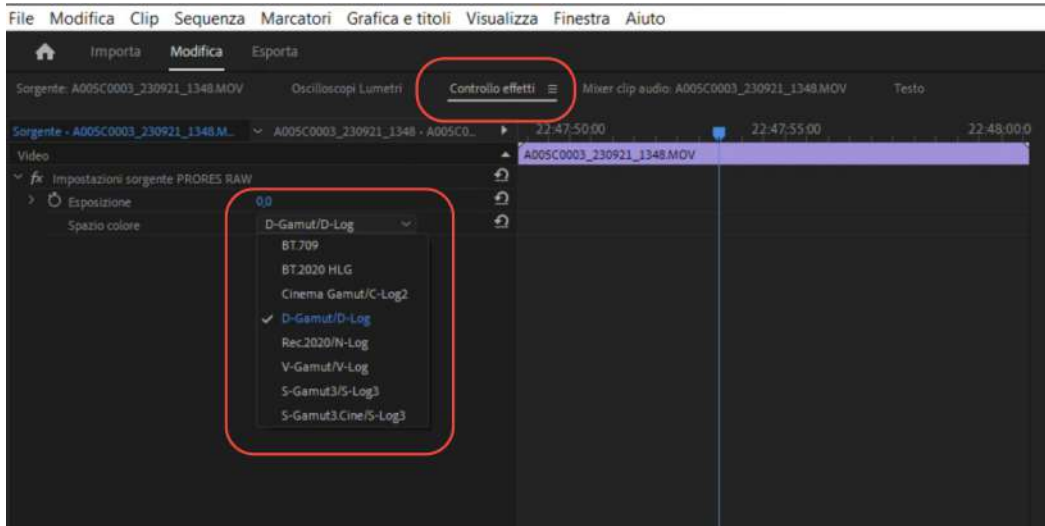
8. Se vuoi caricare e usare la lut originale rec.709 di DJI, puoi scaricarla qui:
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   Copia e incolla la lut in questo percorso: Library < Application support < Blackmagic Design < Davinci Resolve < Lut < DJI
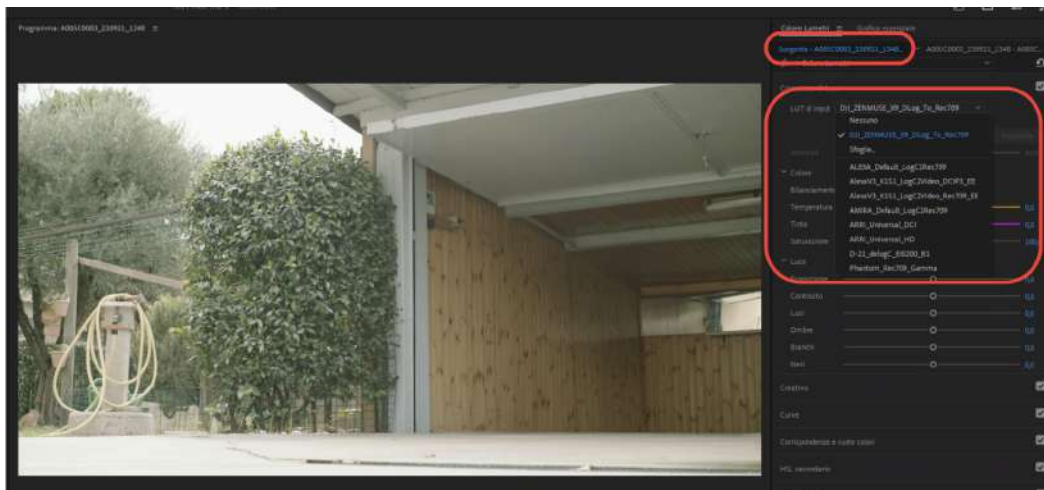   Dopo questo passaggio puoi trovare la lut in: LUT < DJI

1.2 Come importare ProRes RAW in <u>Premiere Pro</u>

1. DOWNLOAD: https://support.apple.com/kb/DL2033?locale=it_IT
2. Importa la clip nel pannello di import;
3. Crea una sequenza con la clip che hai importato;
4. In "controllo effetti" seleziona D-Gamut/D-Log come **spazio colore** nel pannello sorgente;

5. Se vuoi caricare e usare la lut originale rec.709 di DJI, puoi scaricarla qui:
https://www.dji.com/it/downloads/softwares/dji-zenmuse-x9-dlog2rec709-lut
6. Dopo averla scaricata, carica la lut da "LUT in input".

1.3 Come convertire ProRes RAW in ProRes 4444 XQ con Premiere Pro

1. Importa la clip in Premiere Pro;
2. Crea una nuova **timeline** con la clip importata;
3. In "controllo effetti" seleziona D-Gamut/D-Log come **spazio colore** nel pannello sorgente;
4. Esporta la clip in Prores 4444 XQ da Premiere Pro;
5. Dopo averla convertita puoi importare il file in Davinci Resolve ma senza avere controllo sui settaggi RAW.

In Adobe Media Encoder
La conversione da ProRes RAW a ProRes 4444 XQ non funziona perché non è possibile settare lo spazio colore direttamente in media encoder.

1.4 Come importare i file DNG in <u>Premiere Pro</u>

1. Importa il primo file della sequenza DNG;
2. Crea una nuova timeline con la sequenza importata;
3. Seleziona "controllo effetti" per modificare i parametri di Cinema DNG dal pannello sorgente;
4. È possibile cambiare solo la temperatura, la tinta e l'esposizione.
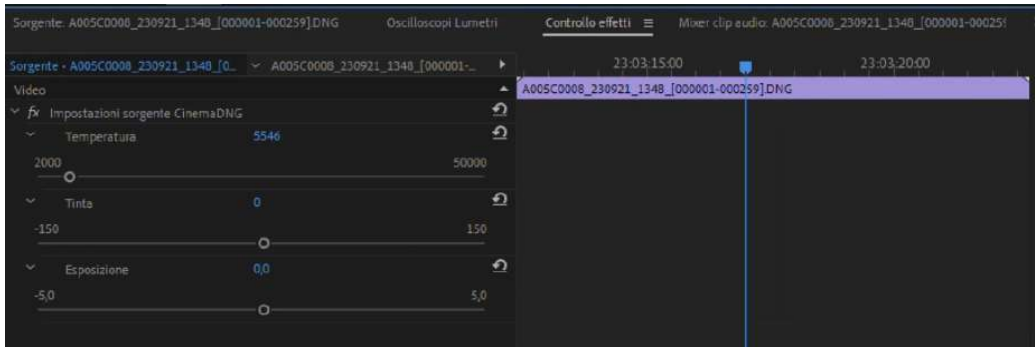
2. MAC OS

2.1 Come importare ProRes RAW in Premiere Pro

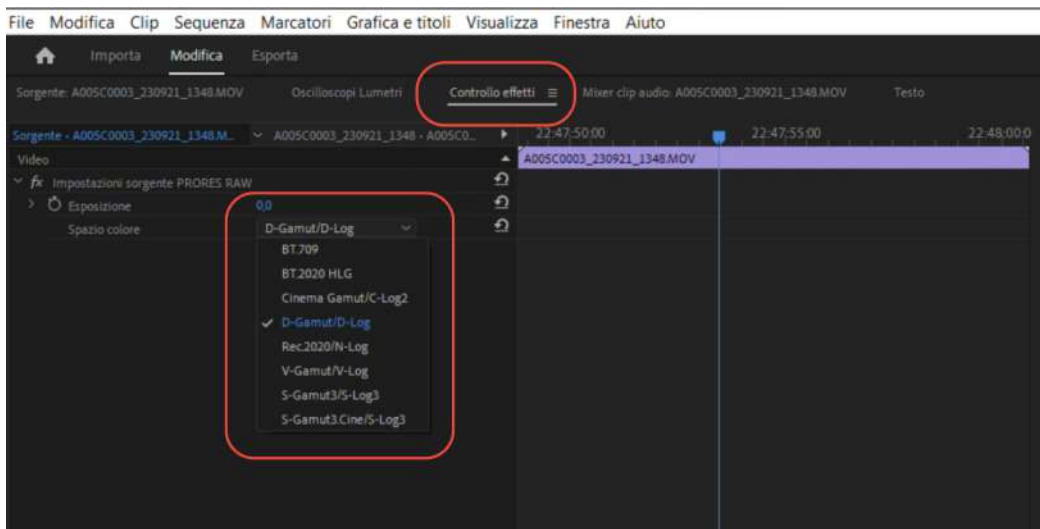1. DOWNLOAD : https://support.apple.com/kb/DL2100?locale=it_IT
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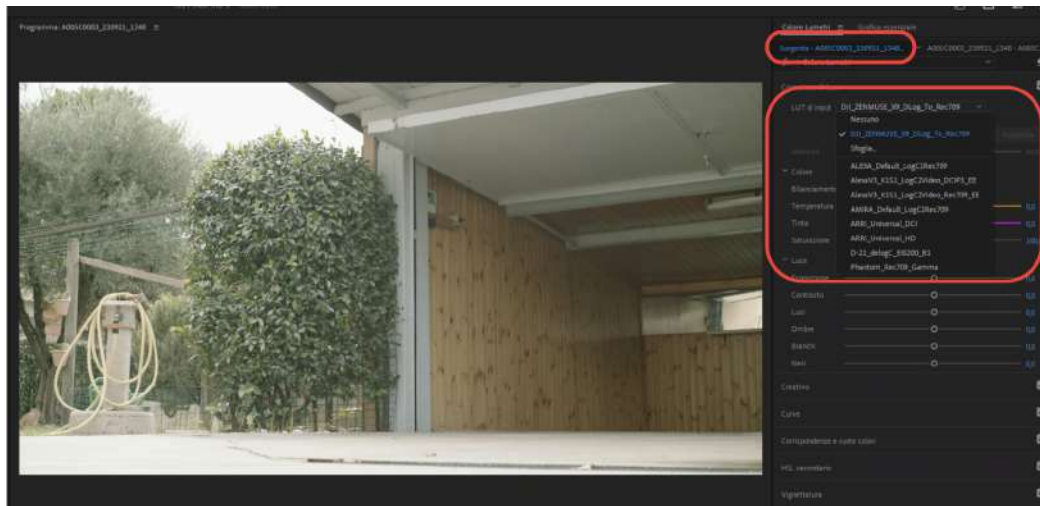
2.2 Come importare i file DNG in Davinci Resolve

1. Importa il file DNG in Davinci Resolve:
   a. import < media < seleziona tutti i file DNG;
   b. Se Davinci Resolve non importa il file come una sequenza segui questi step: Media storage < tre puntini in alto a destra < Frame Display Mode < Sequence
2. Crea una nuova timeline dalla sequenza importata;
3. Seleziona la finestra "Colore";
4. Nella finestra "camera raw" seleziona questi parametri per ogni clip

5. Clicca su **Effects** nell'angolo in alto a destra. Seleziona **Color Space Transform**, clicca e trascina per creare un nuovo nodo. Seleziona **P3 D60** in Input Color Space. Seleziona **Linear** in Input Gamma. Seleziona **DJI D-Gamut** in Output Color Space. Seleziona **DJI D-Log** in Output Gamma. Seleziona **None** in Tone Mapping Method.
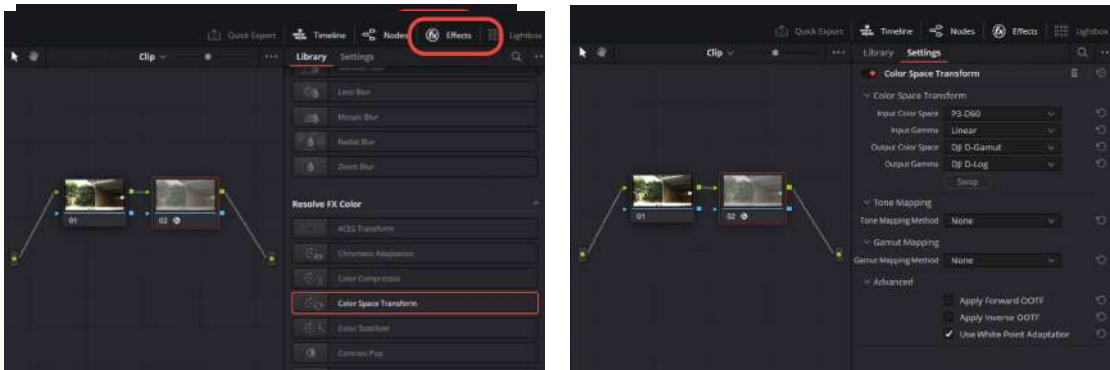

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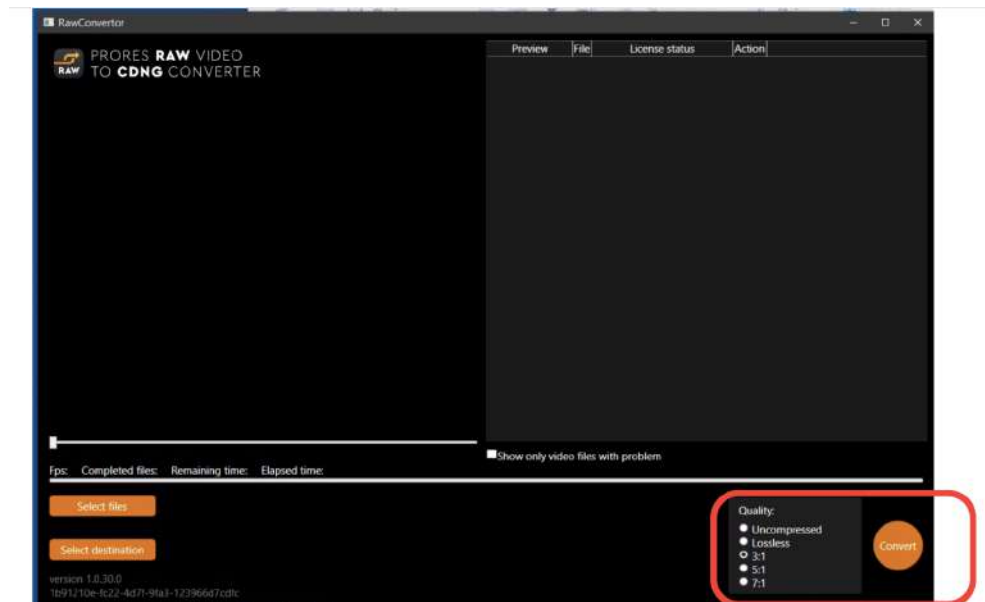   Dopo questo passaggio puoi trovare la lut in: LUT < DJI
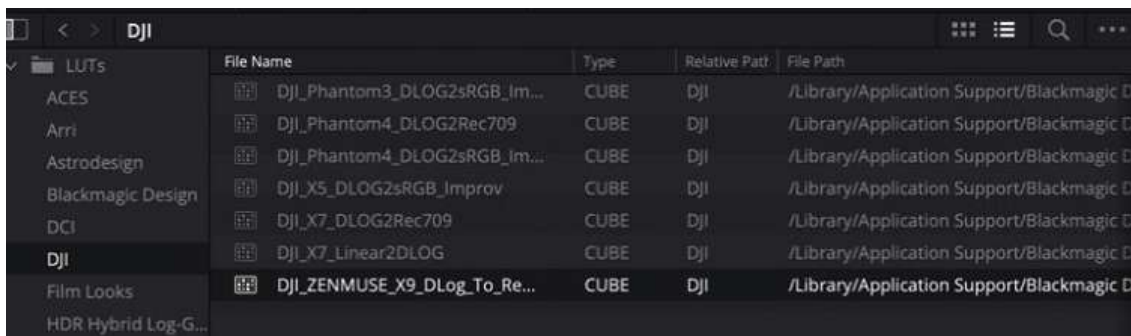
2.3 Come importare i file DNG in Premiere Pro

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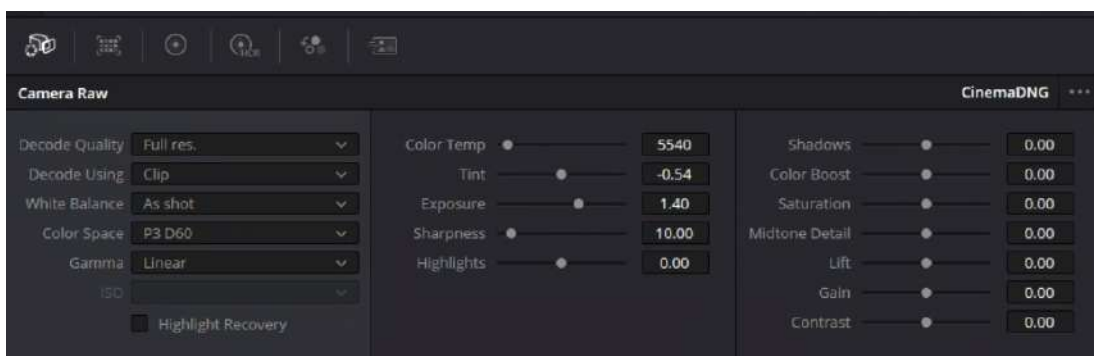4. È possibile cambiare solo la temperatura, la tinta e l'esposizione.
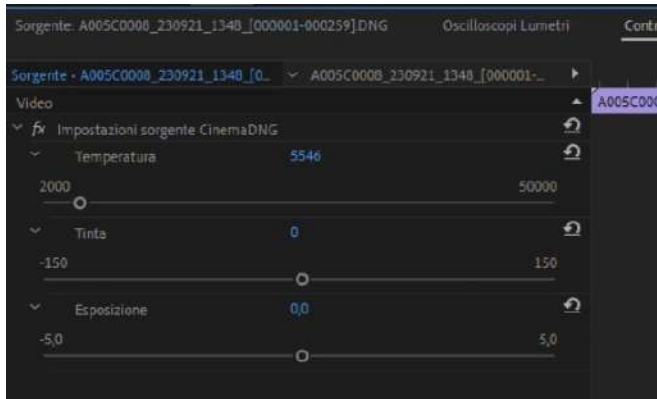
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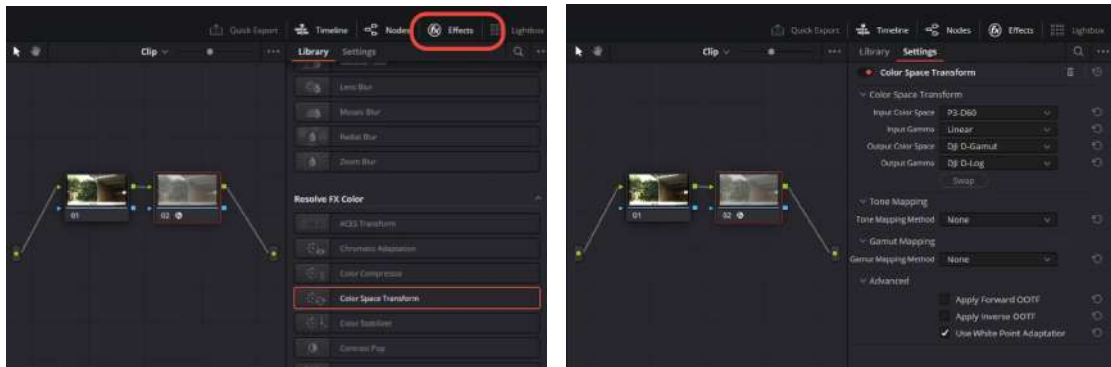2. Importa le tue clip, anche in modalità batch e convertile;

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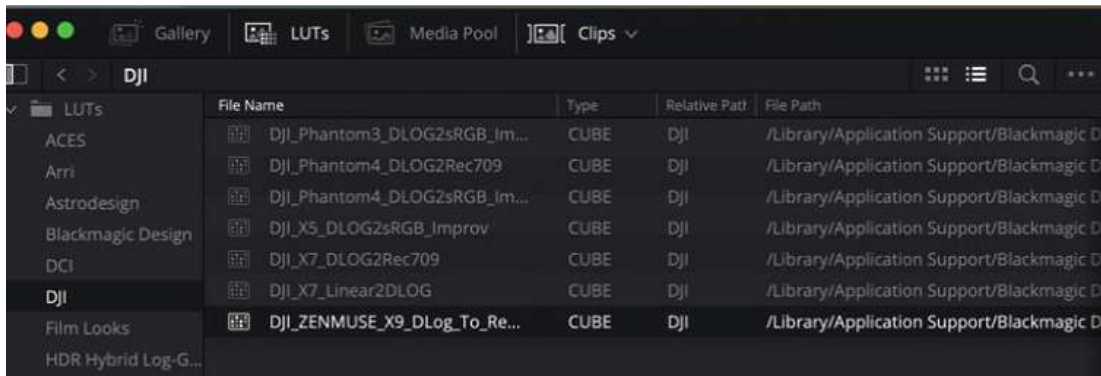6. Nella finestra "camera raw" seleziona questi parametri per ogni clip:

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in Input Gamma. Seleziona **DJI D-Gamut** in Output Color Space. Seleziona **DJI D-Log** in Output Gamma. Seleziona **None** in Tone Mapping Method.

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https://www.bapu.it/bapu-fly-droni/