

Integrating Photoshop with Your Nonlinear Editing System

Richard Harrington - RHED Pixel

www.RHEDPixel.com

www.PhotoshopForVideo.com

www.FMCtraining.com



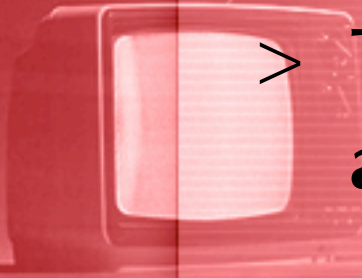
Purpose

- **Learn how to configure Photoshop to work with NLE and Motion Graphics Applications.**
- **Understand Pixel Aspect Ratios**
- **Understand bit-depth**
- **Understand alpha channels**

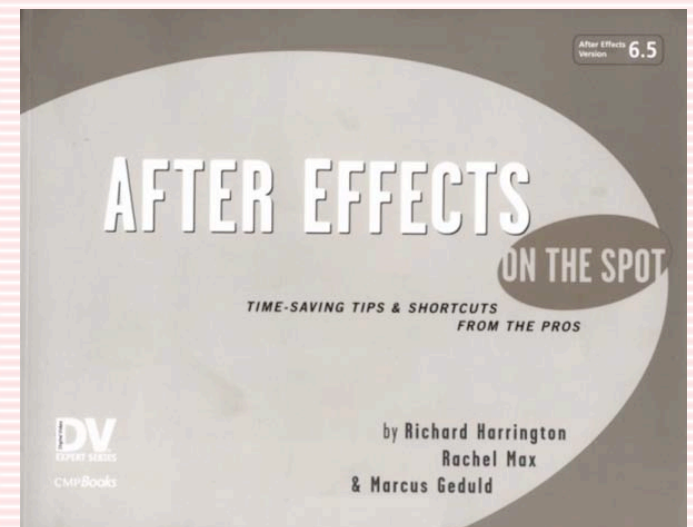
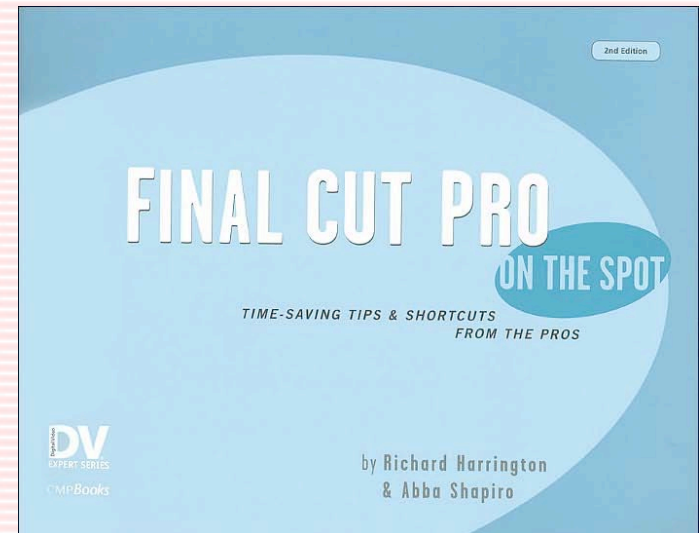
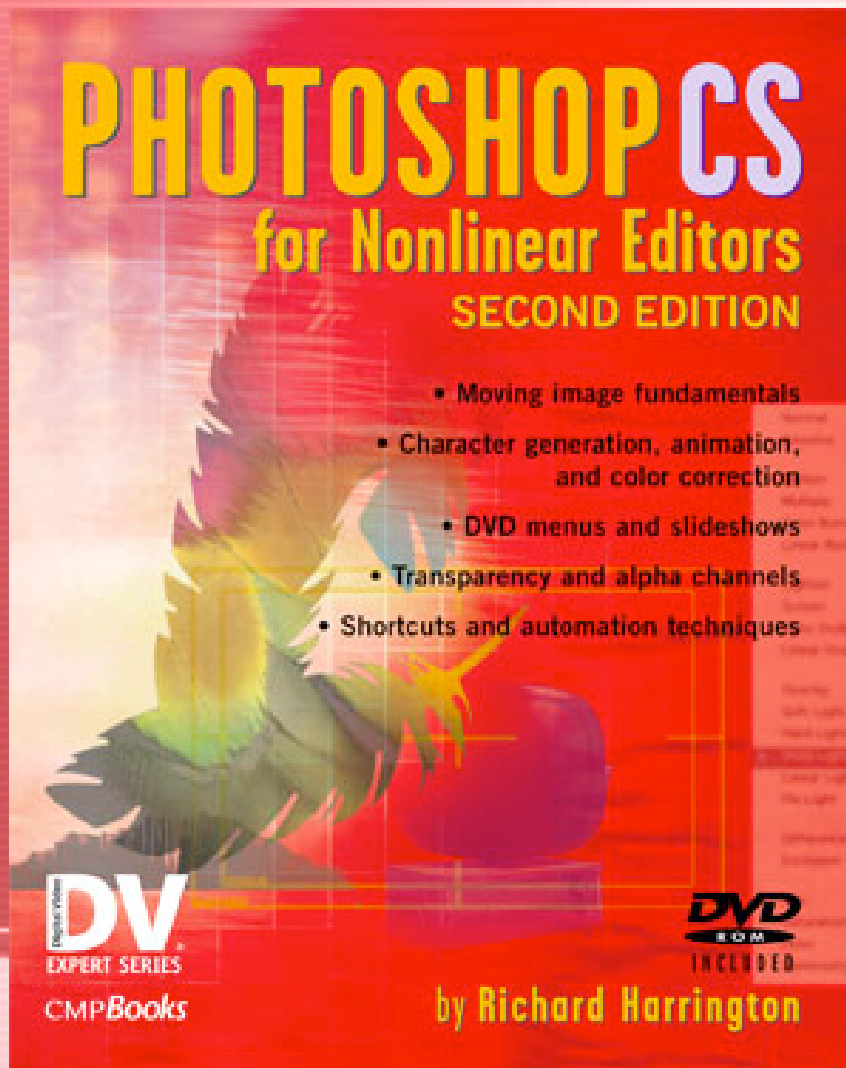


About Me

- **Richard Harrington, PMP**
 - **RHED Pixel (www.rhedpixel.com)**
 - **Adobe Certified Expert & Instructor**
 - **Apple Certified Trainer**
 - **Avid Certified Instructor & Master Editor**
 - **Project Management Professional**
 - **AVMMP Top Producer 2004**
 - **Teach courses on digital media production and web content creation**

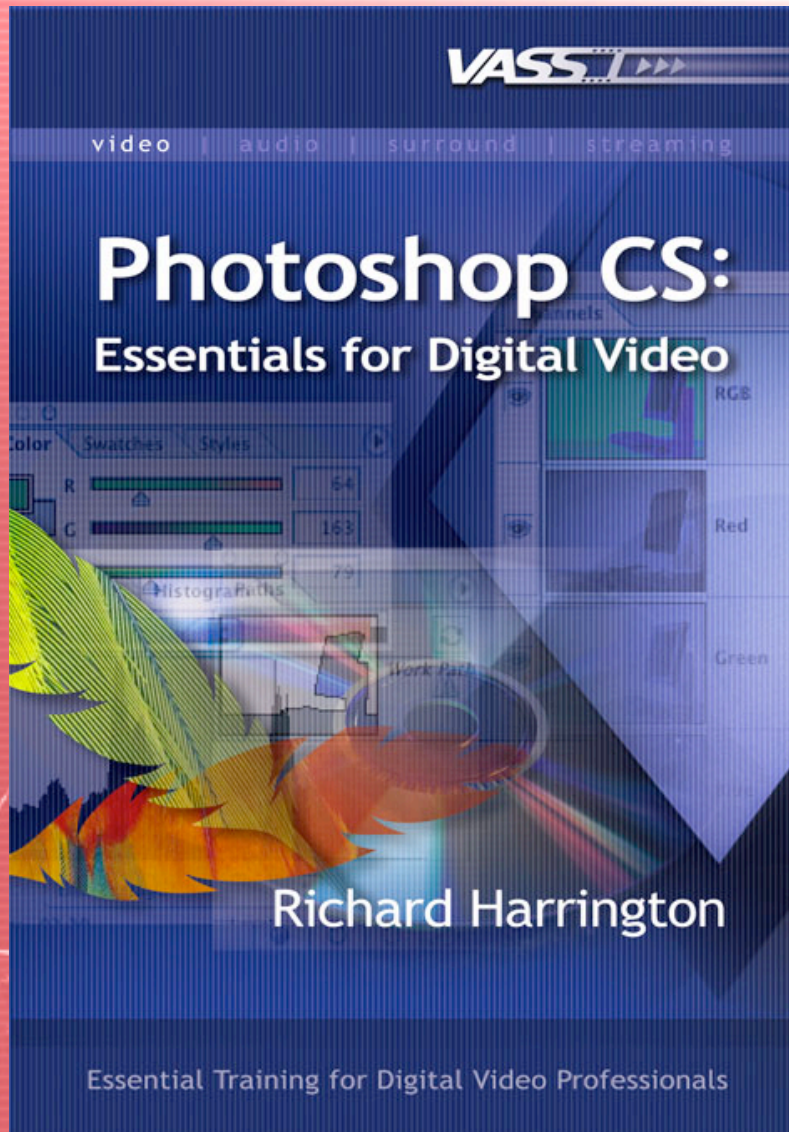


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Photoshop for Video



PHOTOSHOP *for Video*

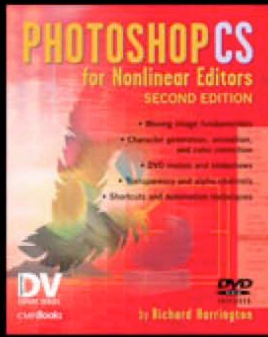
- BOOKS
- VIDEOS
- CONSULTING
- CONFERENCES
- RESOURCES
- LINKS

Welcome!

I hope you find this site helpful. It is my goal to place several important resources here that you can access for free. My name is Richard Harrington and I frequently speak at industry events and write for a few great magazines about making graphics for video. I'd like this website to be a valuable portal, so if you have a link or something you'd like to distribute for free, please let me know.



-Richard Harrington



About You

- **Primary Job**
 - > **Video Production/Post**
 - > **Motion Graphics**
 - > **Web/Multimedia**
 - > **Print/Graphic Design**
- **Work with Photoshop**
 - > **1 year or less?**
 - > **2-3 years?**
 - > **3-5 years?**
 - > **5 or more years?**

Configuring Photoshop CS



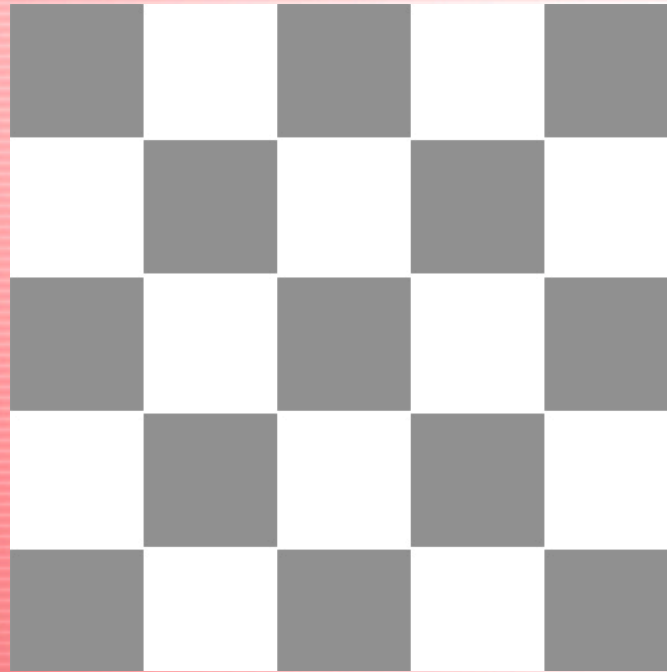
Canvas Size & PAR



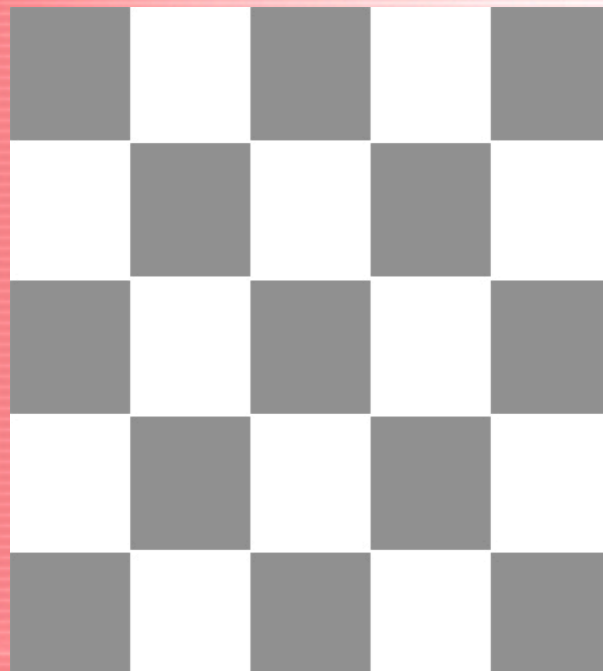
Pixels in Detail

- **Square vs. Non-Square**





***Square Pixel:
4 X 3 Aspect Ratio***



***Non-Square Pixel:
DV Aspect Ratio***



Pixels in Detail

- **Square vs. Non-Square**
- **Pixel Aspect Ratio**





COMPUTER



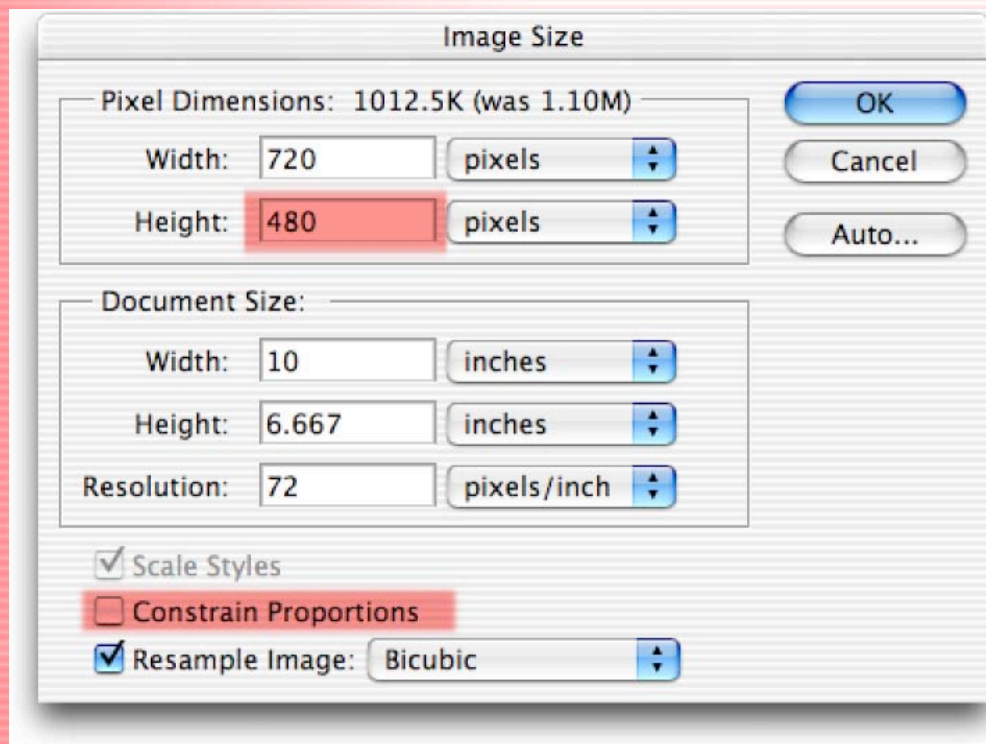
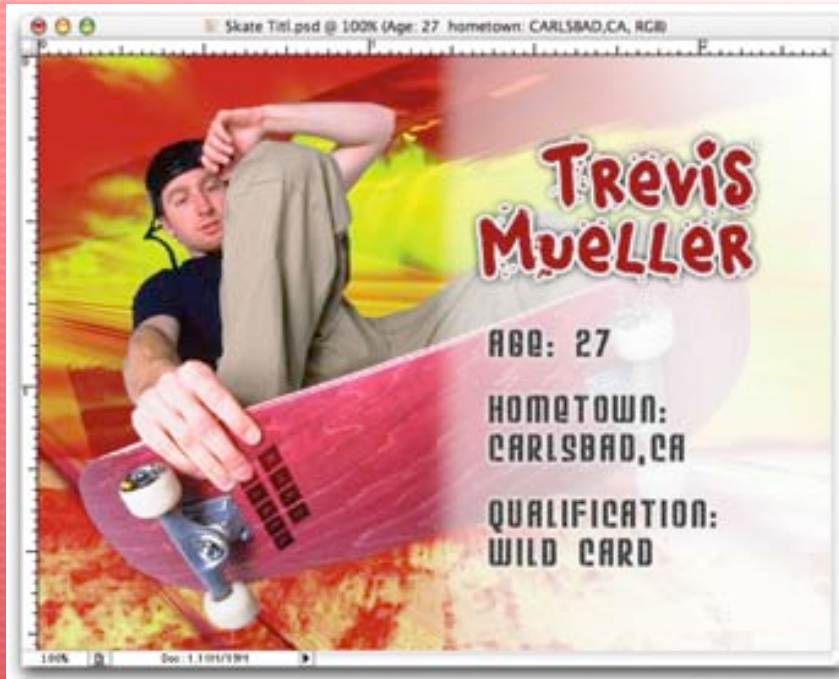
BY/DI



Pixels in Detail

- **Square vs. Non-Square**
- **Pixel Aspect Ratio**
- **Resizing Graphics**





Pixels in Detail

- **Square vs. Non-Square**
- **Pixel Aspect Ratio**
- **Resizing Graphics**
- **Check your NLE Manual**



Pixels in Detail

- **Square vs. Non-Square**
- **Pixel Aspect Ratio**
- **Resizing Graphics**
- **Check your NLE Manual**
- **Common Sizes for Building Graphics for use in Video**

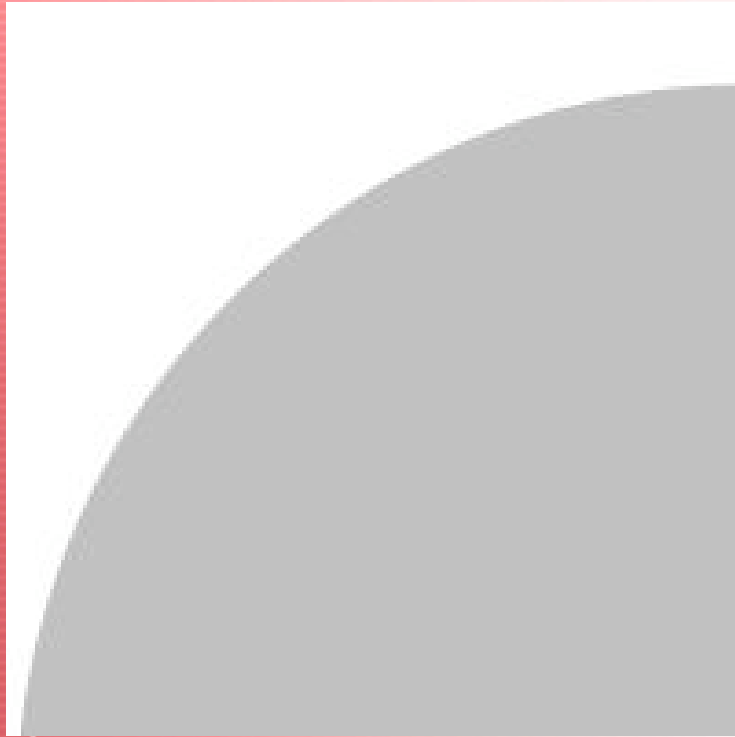


Common Sizes

| Format | 4 X 3 Aspect Ratio (Square Pixels) | 16 X 9 Aspect Ratio (Square Pixels) | Native Size Nonsquare Pixels |
|----------------|---|--|---|
| NTSC D1 | 648 X 486 or 720 X 540 | 864 X 486 | 720 X 486 |
| PAL D1 | 768 X 576 or 720 X 540 | 1024 X 576 | 720 X 576 |
| NTSC DV | 640 X 480 or 720 X 534 | 853 X 480 | 720 X 480 |
| PAL DV | 768 X 576 or 720 X 540 | 1024 X 576 | 720 X 576 |



Where to Resize



Sized in Photoshop



Sized in Video App



Non-Square Pixels in Photoshop CS

- **Use Presets!**
- **Turn off Preview when doing type work**
- **Add Square pixels images by copy paste or drag-and-drop**
- **DO NOT switch back and forth**
- **Inform the Editor**



Power Crop

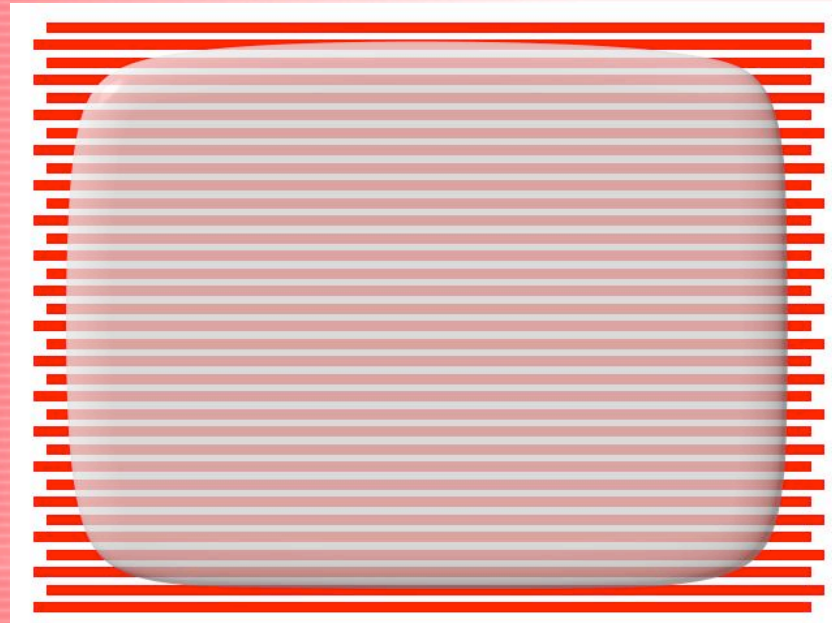


Safe Title Area



Safe Title Area

- Same as “Bleed” in Print
- Action Safe - 90% of image
- Title Safe - 80% of image



A photograph of a person rappelling down a steep, layered rock cliff face. The person is silhouetted against the bright sky and is holding onto a rope. In the background, a vast canyon landscape stretches out under a clear blue sky. On the left side of the cliff, a group of people is visible on a higher ledge. The entire scene is framed by a red border.

Voice of:
Meaghan Ryan

**Describes Descent into
the Grand Canyon**

Safe Title Area

- Same as “Bleed” in Print
- Action Safe - 90% of image
- Title Safe - 80% of image
- Critical safety margin



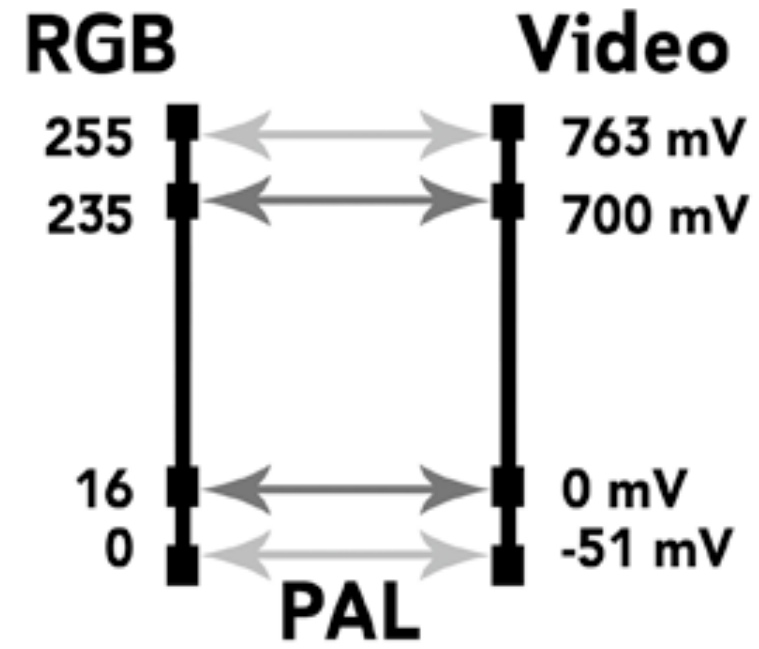
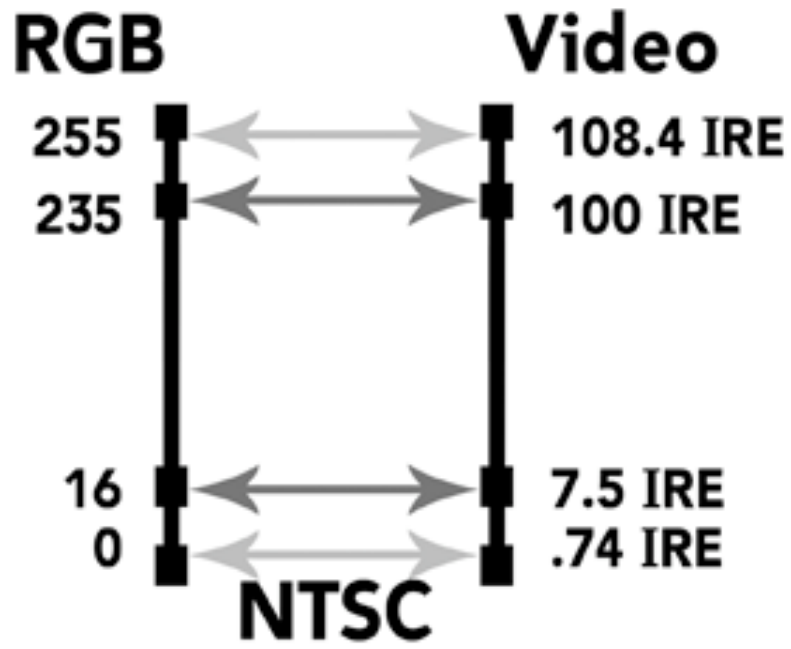
Safe Title Area

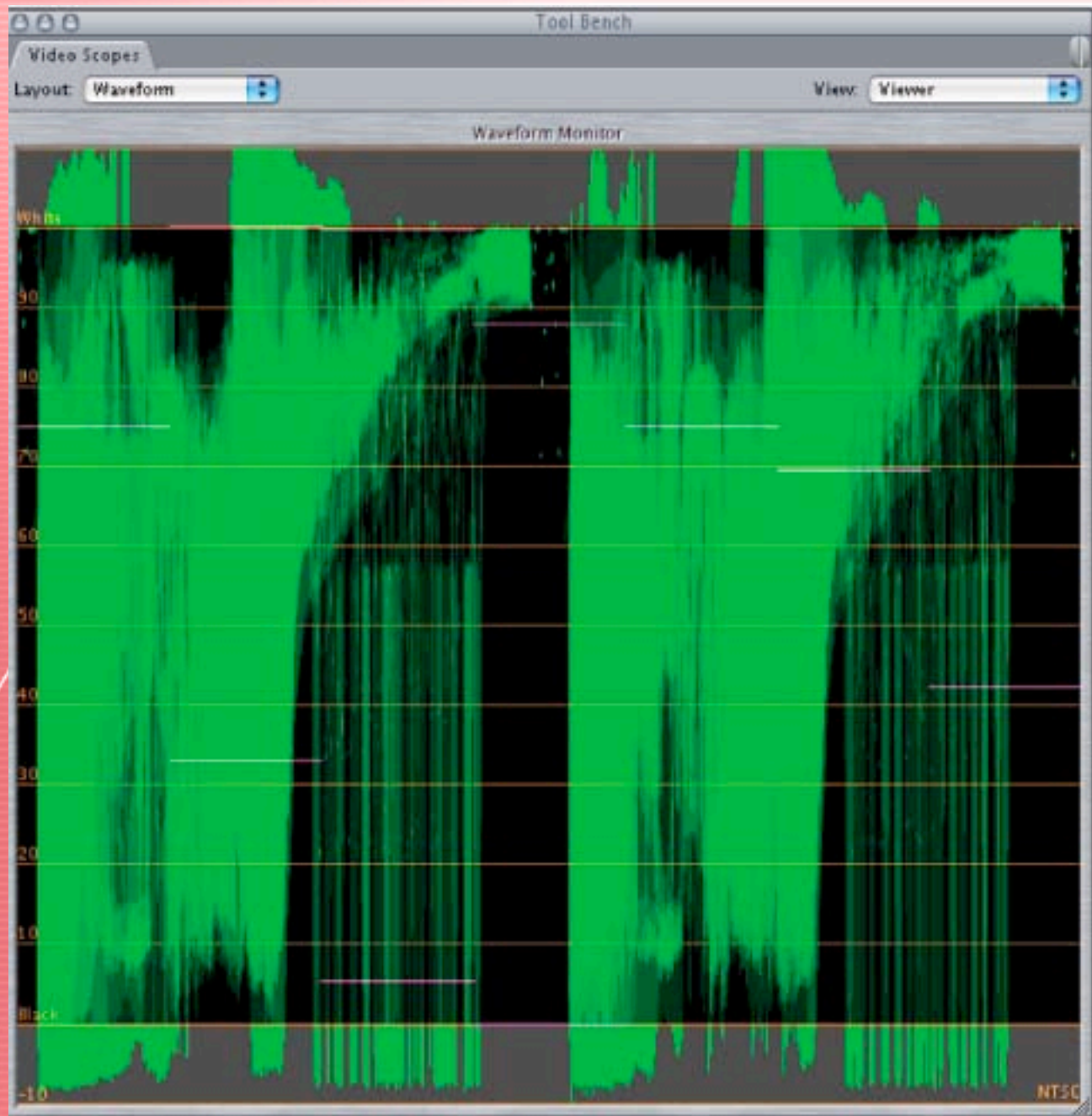
- Same as “Bleed” in Print
- Action Safe - 90% of image
- Title Safe - 80% of image
- Critical safety margin
- How to Create a Safe Title Area Overlay



Broadcast Safe Colors



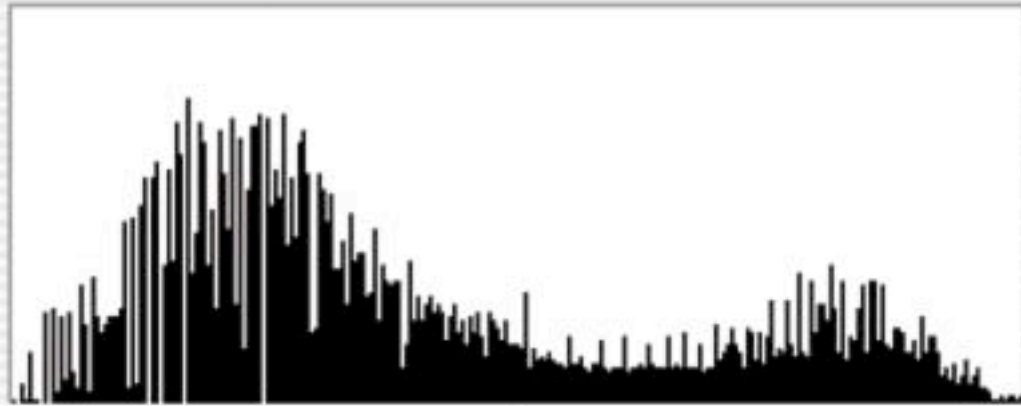




Levels

Channel: **RGB**

Input Levels: 0 1.00 255



Output Levels: 16 235



OK

Cancel

Load...

Save...

Auto

Options...



Preview

Working with Photos



Working with Photos

- **Adjusting Gamma**
- **Broadcast Safe**
- **File Formats that Work**
 - > **PICT**
 - > **TARGA**
 - > **TIFF**
 - > **PNG**



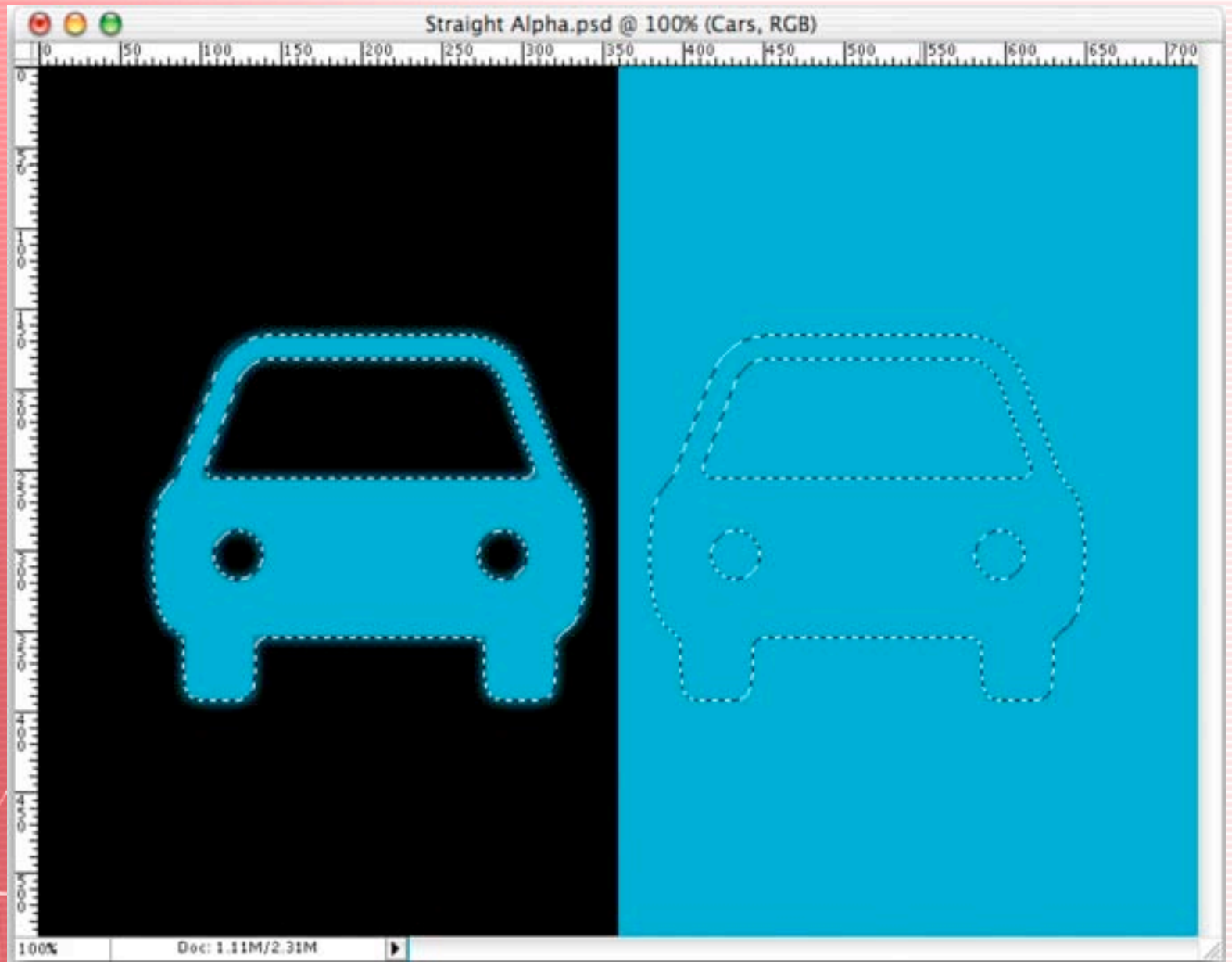
Transparency



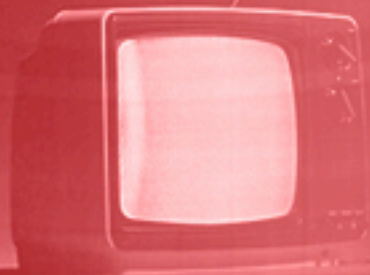
Transparency

- **Creating an Alpha Channel**
- **File Formats**
- **Why Use Alpha Channels**
- **Straight vs. Pre-Multiplied**





Resources



Resources

- www.creativecow.net
- www.macdesignonline.com
- www.cmpbooks.com
- www.dv.com
- www.fmctraining.com
- www.rhedpixel.com

Contact Me

- **CMP Books - www.cmpbooks.com**
- **RHED Pixel - www.rhedpixel.com**
- **Creative Cow Photoshop and Motion Forums- www.creativecow.net**
- **Future Media Concepts - www.fmctraining.com**





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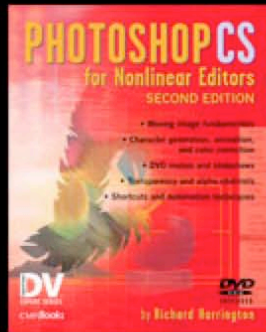
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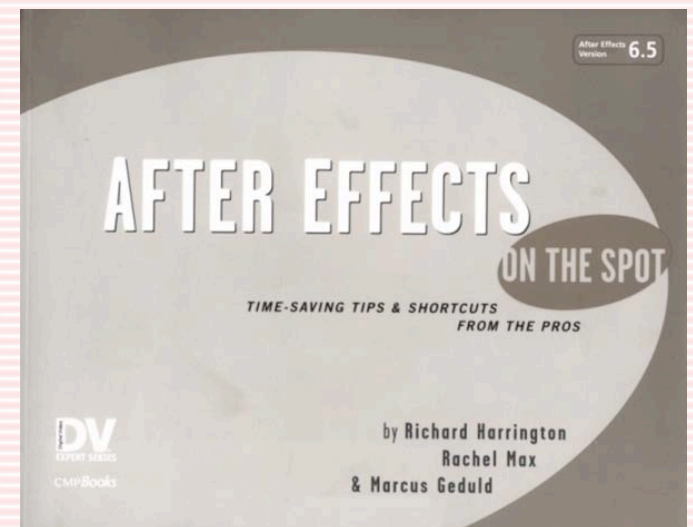
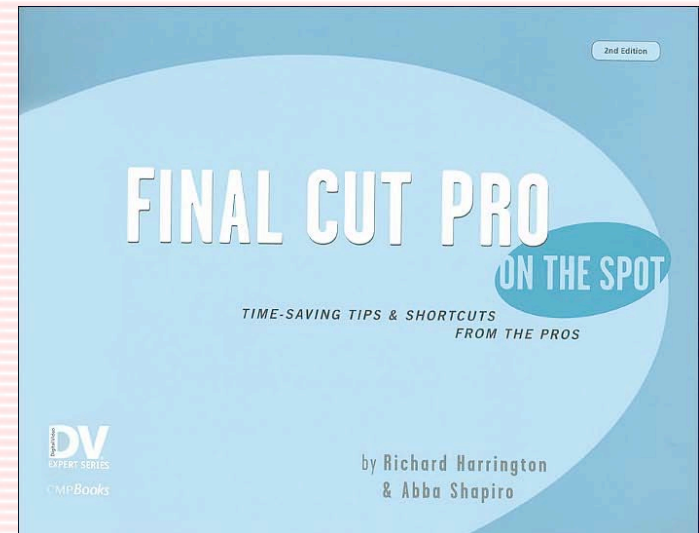
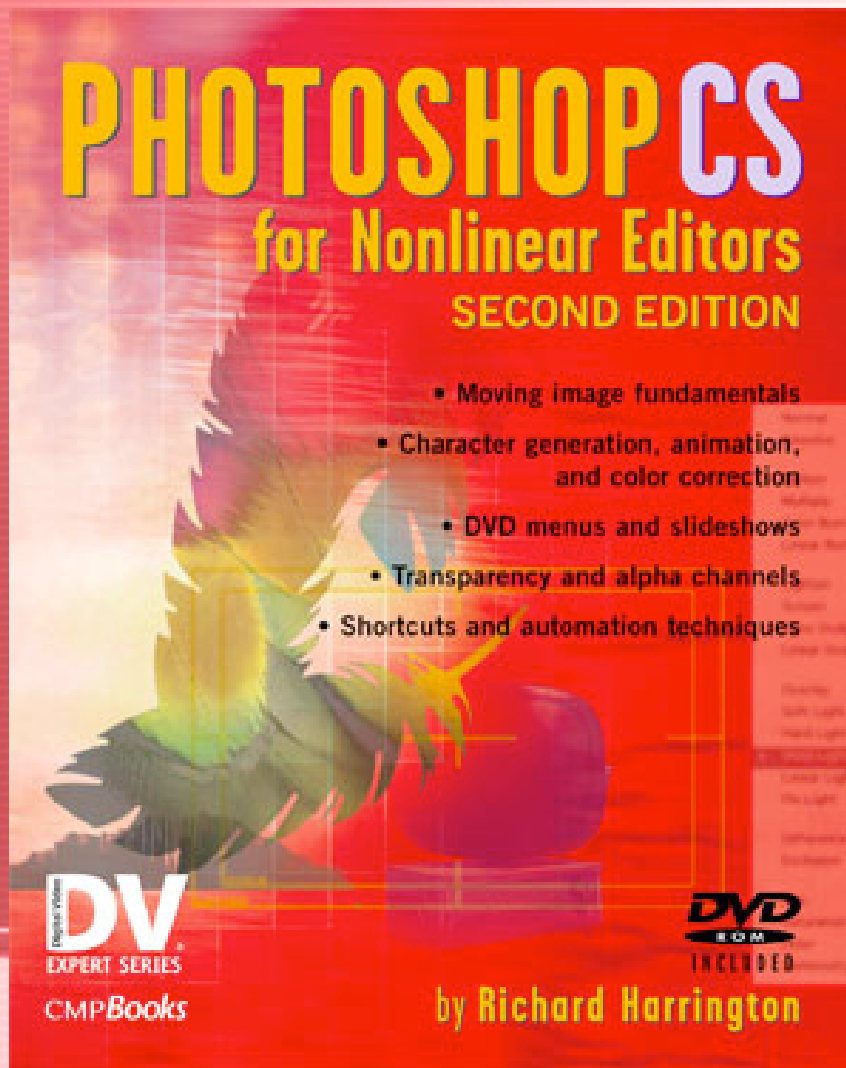
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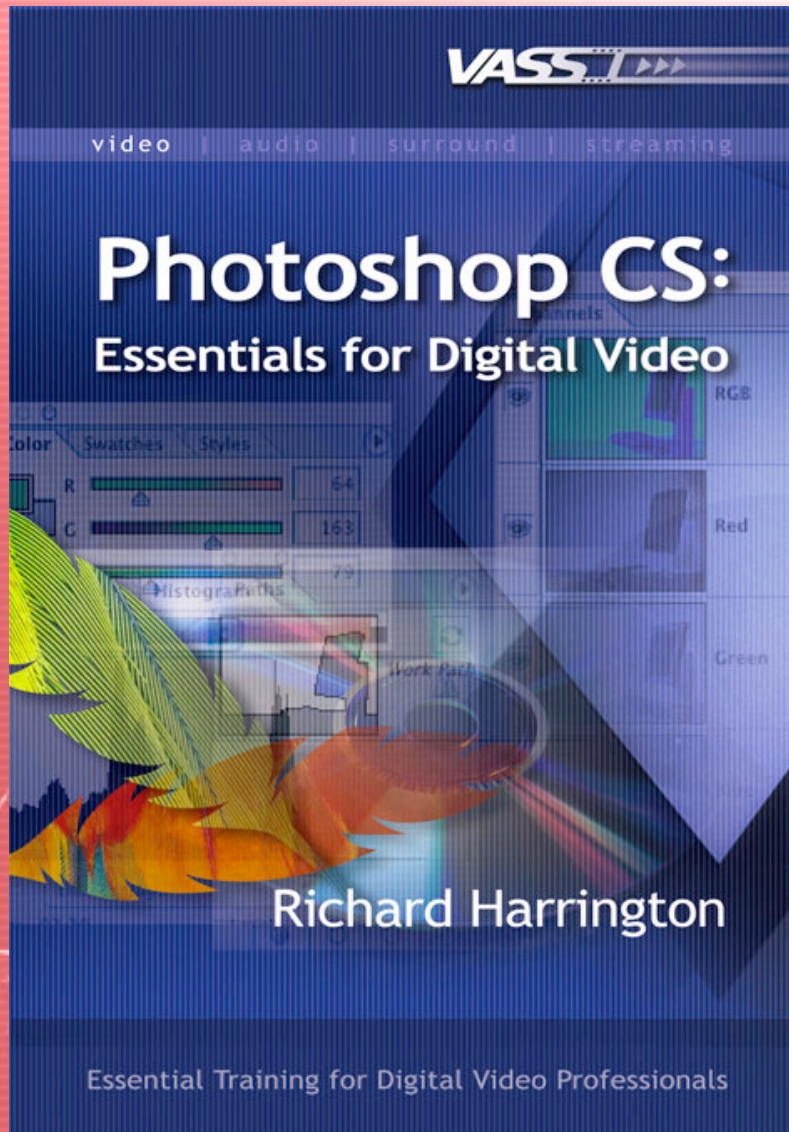


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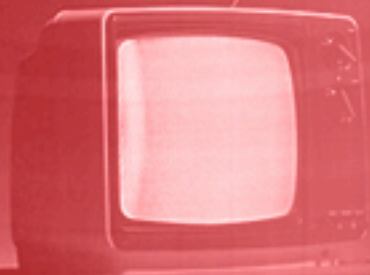
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Questions & Answers



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