

# Digital Session

21<sup>st</sup> September 2018



Any  
Questions?

Can images taken in  
Black and White be  
converted back to  
colour?

Any Questions?

Question 5

Can digital images taken in Black and White be converted back to colour?

- Modest raid on piggy bank
- No if they were taken as JPGs
- Yes if they were taken as RAWs
- The RAW files should still have all the colour information
- This applies to any in camera “effect”
- B&W images can be recoloured in Photoshop but it is a complex process.

<https://www.msn.com/en-gb/news/world/history-in-technicolour-from-the-famous-1945-times-square-kiss-to-iwo-jima-iconic-black-and-white-images-transformed/ss-BBLV1vY?ocid=spartanntp>

## Any Questions?

Question 5

Is this a politically correct image?



"The Dreamer"

Any Questions?

Question 6

Is this an ethically correct image?



"The Dreamer"

Any Questions?

Question 6

- Or this one?



Why does Lightroom  
circle/grad/brush  
produce a cast?

E.G.

R31.9 G31.9 B31.9

Becomes

R32.4 G31.5 B32.2

Increasing saturation has  
no effect

## Any Questions?

Question 7



Why does Lightroom  
circle/grad/brush  
produce a magenta cast?

E.G.

R31.9 G31.9 B31.9

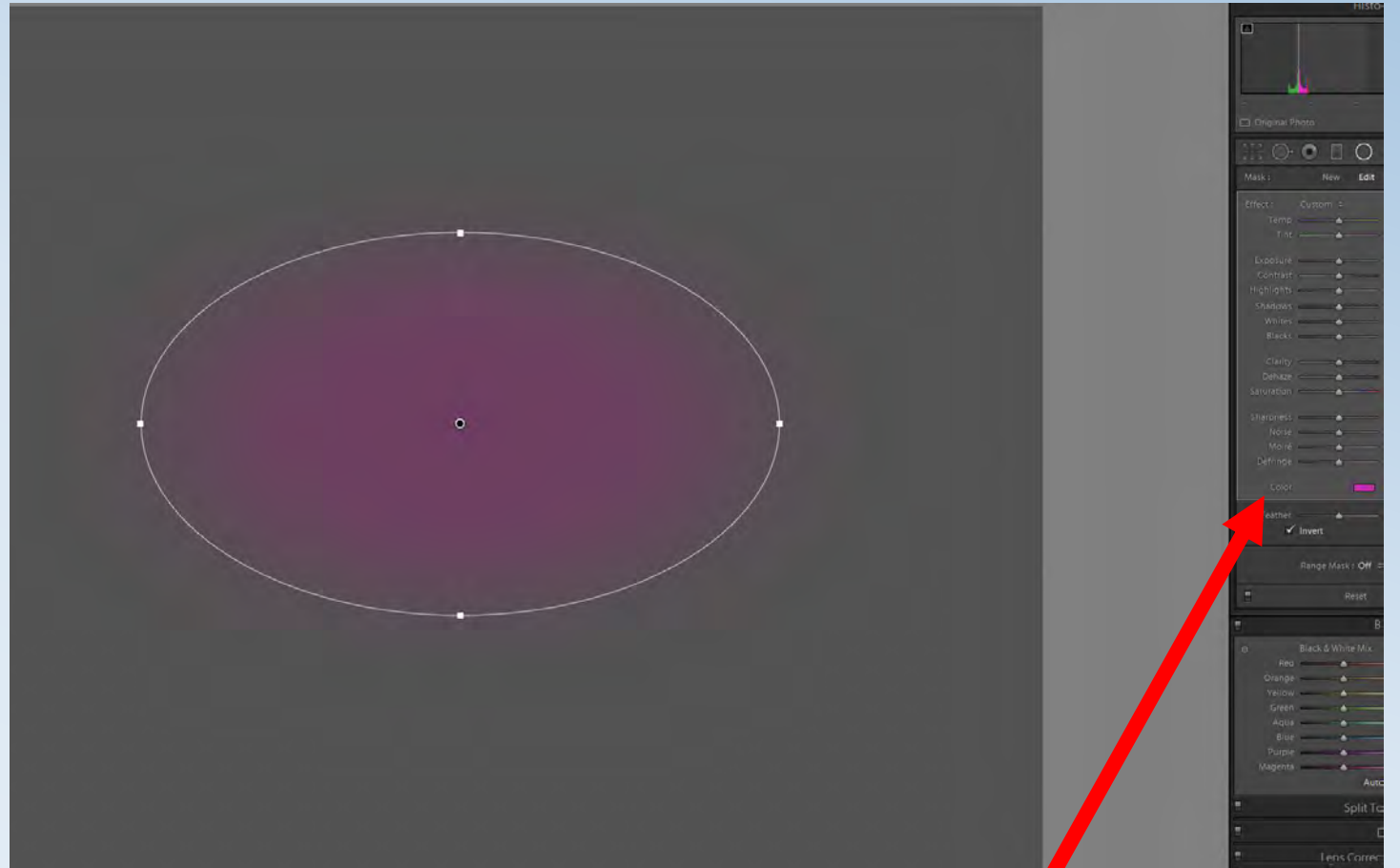
Becomes

R32.4 G31.5 B32.2

Increasing saturation has  
no effect

## Any Questions?

Question 7



To be demoed in the  
Any Answers? Session

I was wondering whether SLR cameras have had their day due to the high quality mirrorless cameras that are now available.



## Any Questions?

Question 8



I was wondering whether DSLR cameras have had their day due to the high quality Mirrorless IL cameras that are now available.



## Any Questions?

Question 8

- DSLR pros
  - Massive legacy of a lenses and accessories
  - Proven ergonomics for pro and enthusiast use
  - Optical viewfinder
  - Sensor protected during lens change
  - Some autofocus advantages
  - Battery life
- MILC pros
  - Smaller size possible as no mirror box
  - Can “go large” if required
  - EVF and LCD screen consistency
  - Manufacturing cost
  - Manufactures including Nikon, Canon moving this way – **Any Answers?**

How do I get my picture  
in the best focus I can  
with the lenses I have.  
(Best focus or sharp  
image?)

## Any Questions?

Question 9

It's about how I get my picture in the best focus I can with the lenses I have.

- I'm sure it's about making the right decision on:
  - depth of field
  - focus point
  - lens choice
  - camera stability

## Any Questions?

Question 9

What are the differences between JPG, PNG, PDF, PSD, AI, GIF, TIFF files?

Any Questions?

Question 11

What are the differences between JPG, PNG, PDF, PSD, AI, GIF, TIFF files?

- JPG – Joint Photographic Experts Group JPEG is a commonly used method of lossy compression for digital images, particularly for those images produced by digital photography.
- PNG – Portable Network Graphics is a raster graphics file format that supports lossless data compression.
- PDF – The Portable Document Format is a file format developed in the 1990s to present documents, including text formatting and images, in a manner independent of application software, hardware, and operating systems.

## Any Questions?

Question 11

What are the differences between JPG, PNG, PDF, PSD, AI, GIF, TIFF files?

- AI – Adobe Illustrator Artwork (AI) is a proprietary file format developed by Adobe Systems for representing single-page vector-based drawings in either the EPS or PDF formats.
- GIF- Graphics Interchange Format, is a bitmap image format has come into widespread usage on the World Wide Web due to its wide support and portability.
- TIFF - Tagged Image File Format, TIFF is a flexible, adaptable file format for handling images and data within a single file. The ability to store image data in a lossless format makes a TIFF file a useful image archive, because, unlike standard JPEG files, a TIFF file using lossless compression (or none) may be edited and re-saved without losing image quality. Other TIFF options are layers and pages.

## Any Questions?

Question 11