

# Converting Colors

Hex(730C08)

Have a look what the booklet for  
Hex(730C08) contains.

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# Color

**Hex(730C08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	730C08
RGB	115, 12, 8
RGB Percent	45%, 5%, 3%
CMY	0.5490, 0.9529, 0.9686
CMYK	0.00, 0.90, 0.93, 0.55
HSL	2°, 87%, 24%
HSV	2°, 93%, 45%
XYZ	7.2455, 3.9253, 0.6055
YIQ	42.3410, 62.6720, 20.5920

# Conversions

## Conversions Part 2

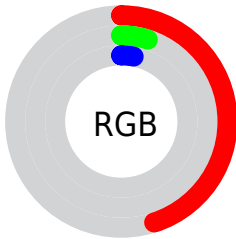
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 12, 8
Decimal	7539720
CIELab	23.42, 42.08, 31.72
CIELCh	23, 52.697, 37.013
Yxy	3.9253, 0.6153, 0.3333
Android (android.graphics.Color)	4285729800 (0xFF730C08)
YUV	42.3410, -16.9301, 63.7219
Hunter-Lab	19.8124, 30.6070, 12.0567

# Details

The Hex color **730C08** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **086F73**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **AE4534**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **730400**, and if you desaturate by 10%, it is **731714**.

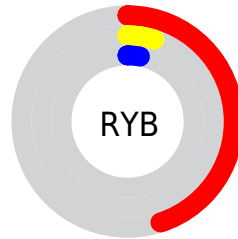
# Distribution



Red (45%)

Green (5%)

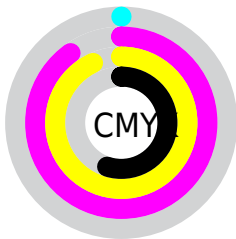
Blue (3%)



Red (45%)

Yellow (5%)

Blue (3%)

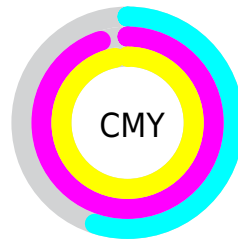


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (55%)



Cyan (55%)

Magenta (95%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 730C08 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 730C08 by changing the saturation by 10% instead.



 730C08

 730C08

 FFFFE9

 560000

 AE4534

 3B0000

 CC5E4B

 1B0001

 EB7964

 000000

 FF947D

 FFAF97

 FFCBB1

 FFE8CD

 730C08

 730C08

■ 730400

■ 731714

■ 73221F

■ 732D2B

■ 733836

■ 734342

■ 734E4D

■ 735959

■ 736564

■ 737070

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7A0031



730C08



5D2A00

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



730C08



004616



003B88

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



730C08



086F73

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004481



730C08



004840

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



730C08



0F4200



004767



402778

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



730C08



493500



004767



003F88



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



730C08



966E6C



73086F



4D3332



CCCCCC



4D4D4D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



730C08



960600



734108



3B3535



7A0500



FA0900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



086F73



009196



083A73



353A3B



00767A

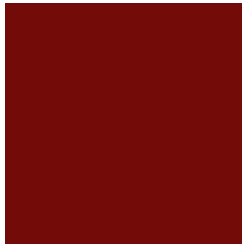


00F1FA



# Previews

## White Background



This preview shows how the Hex color 730C08 looks on a white background.

## Color Contrast Check

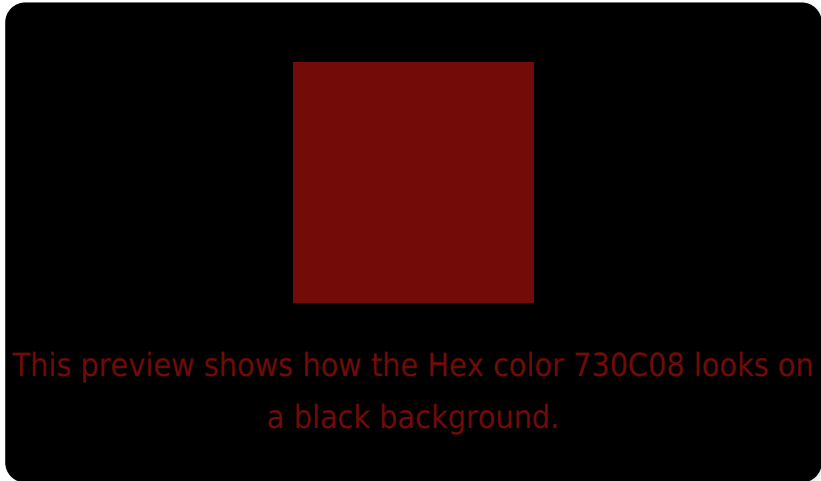
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 730C08 Background



This preview shows how black text looks on a background with the Hex color 730C08.



This preview shows how white text looks on a background with the Hex color 730C08.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
730C08

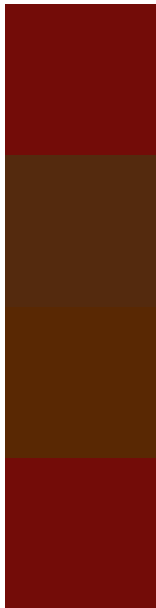
**Protanopia**  
423B12

**Deuteranopia**  
4A3800



**Tritanopia**  
730C08

# Trichromacy



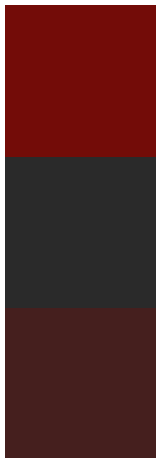
**Original Color**  
730C08

**Protanomaly**  
542A0E

**Deuteranomaly**  
592803

**Tritanomaly**  
730C08

# Monochromacy



**Original Color**  
730C08

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
451F1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 730C08 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #730C08 looks like.

```
.text, #text, p{  
  color:#730C08  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #730C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #730C08
}
```

## Border

The CSS property to change the border of an element to Hex 730C08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#730C08 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#730C08 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #730C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #730C08; -webkit-box-shadow:4px 4px  
4px 4px #730C08; box-shadow:4px 4px 4px  
4px #730C08 }
```

# Background

The CSS property to change the background color of an element to Hex 730C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#730C08 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#730C08 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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