

# Converting Colors

Hex(713F08)

Have a look what the booklet for  
Hex(713F08) contains.

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**Color**

**Hex(713F08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713F08
RGB	113, 63, 8
RGB Percent	44%, 25%, 3%
CMY	0.5569, 0.7529, 0.9686
CMYK	0.00, 0.44, 0.93, 0.56
HSL	31°, 87%, 24%
HSV	31°, 93%, 44%
XYZ	8.6314, 7.0833, 1.1420
YIQ	71.6800, 47.4550, -6.5050

# Conversions

## Conversions Part 2

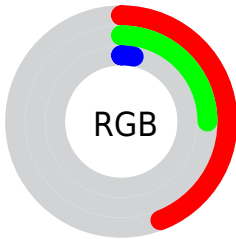
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 113, 8
Decimal	7421704
CIELab	32.00, 17.86, 38.97
CIELCh	32, 42.871, 65.374
Yxy	7.0833, 0.5120, 0.4202
Android (android.graphics.Color)	4285611784 (0xFF713F08)
YUV	71.6800, -31.3942, 36.2376
Hunter-Lab	26.6144, 11.3147, 16.0860

# Details

The Hex color **713F08** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **083A71**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A96F39**, and **3B1400** is the 20% darker color. If you saturate the color by 10%, you get **713B00**, and if you desaturate by 10%, it is **714413**.

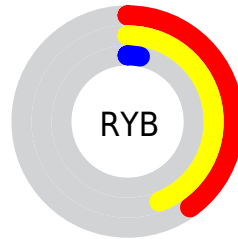
# Distribution



Red (44%)

Green (25%)

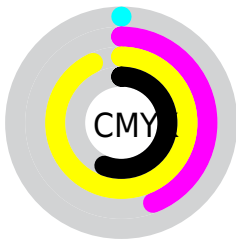
Blue (3%)



Red (40%)

Yellow (44%)

Blue (3%)

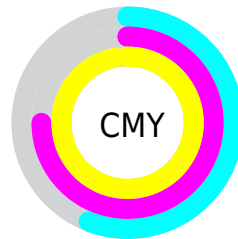


Cyan (0%)

Magenta (44%)

Yellow (93%)

Black (56%)



Cyan (56%)

Magenta (75%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 713F08 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 713F08 by changing the saturation by 10% instead.



 713F08

 713F08

 FFFFF2

 562900

 A96F39

 3B1400

 C68851

 240000

 E4A36A

 000000

 FFBE84

 FFDA9E

 FFF6B9

 FFFF5D

 713F08

 713F08

■ 713B00

■ 714413

■ 714A1F

■ 714F2A

■ 715535

■ 715A41

■ 715F4C

■ 716557

■ 716A62

■ 716F6E

# Harmonies

## Analogous

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



833026



713F08



564C00

# Triad

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



713F08



005B51



533F83

# Complementary

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



713F08



083A71

# 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.



004D8F



713F08



005A72

# Square

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



713F08



00592E



005688



783068

# Rectangle

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



713F08



3F5202



005688



404589



# Sweetspot

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



713F08



94806A



71083B



4A3E31



C9C9C9



4A4A4A



# Same Dimension

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



713F08



944D00



6F7108



383532



783F00



F78200



# Inverse Universe

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



083A71



004694



0A0871



323538



003978

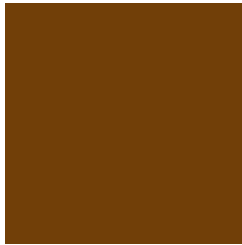


0076F7



# Previews

## White Background



This preview shows how the Hex color 713F08 looks on a white background.

## Color Contrast Check

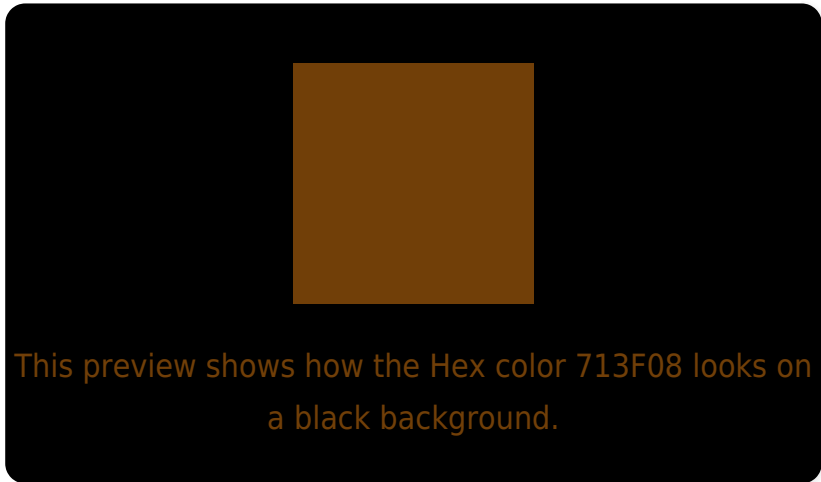
Large Text (above 18pt) WCAG AA ✓ Pass

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

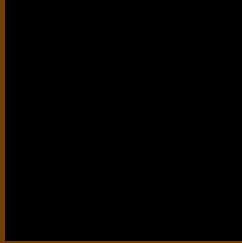
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713F08 Background



This preview shows how black text looks on a background with the Hex color 713F08.



This preview shows how white text looks on a background with the Hex color 713F08.

# 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**  
713F08

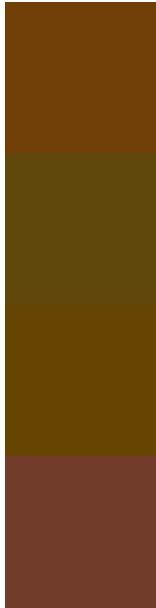
**Protanopia**  
56C0C0

**Deuteranopia**  
604800



**Tritanopia**  
733B3F

# Trichromacy



**Original Color**  
713F08

**Protanomaly**  
60470B

**Deuteranomaly**  
664503

**Tritanomaly**  
723C2B

# Monochromacy



**Original Color**  
713F08

**Achromatopsia**  
484848

**Achromatomaly**  
574531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713F08 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 #713F08 looks like.

```
.text, #text, p{  
    color:#713F08  
}
```

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 #713F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713F08
}
```

## Border

The CSS property to change the border of an element to Hex 713F08 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
#713F08 }
```

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

```
.border{ border-color:#713F08 }
```

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

Here you see how a box with a 4 pixel #713F08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713F08; -webkit-box-shadow:4px 4px  
4px 4px #713F08; box-shadow:4px 4px 4px  
4px #713F08 }
```

# Background

The CSS property to change the background color of an element to Hex 713F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713F08 }
```

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

```
.background{ background-color:#713F08 }
```

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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