

# Converting Colors

Hex(755815)

Have a look what the booklet for  
Hex(755815) contains.

<b>Hex(755815)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(755815)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	755815
RGB	117, 88, 21
RGB Percent	46%, 35%, 8%
CMY	0.5412, 0.6549, 0.9176
CMYK	0.00, 0.25, 0.82, 0.54
HSL	42°, 70%, 27%
HSV	42°, 82%, 46%
XYZ	10.9612, 10.8155, 2.2193
YIQ	89.0330, 38.7910, -14.6890

# Conversions

## Conversions Part 2

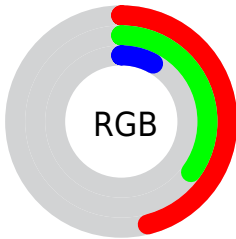
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 117, 21
Decimal	7690261
CIELab	39.27, 5.15, 40.66
CIELCh	39, 40.982, 82.779
Yxy	10.8155, 0.4568, 0.4507
Android (android.graphics.Color)	4285880341 (0xFF755815)
YUV	89.0330, -33.5403, 24.5271
Hunter-Lab	32.8869, 1.9419, 19.0197

# Details

The Hex color **755815** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **153275**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AC8A46**, and **412B00** is the 20% darker color. If you saturate the color by 10%, you get **755409**, and if you desaturate by 10%, it is **755C21**.

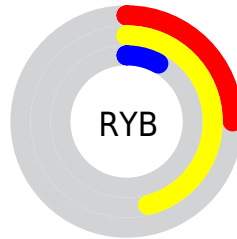
# Distribution



Red (46%)

Green (35%)

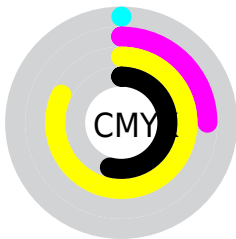
Blue (8%)



Red (25%)

Yellow (46%)

Blue (8%)

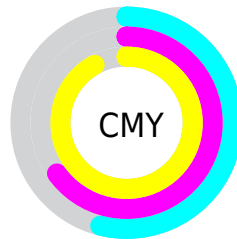


Cyan (0%)

Magenta (25%)

Yellow (82%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 755815 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 755815 by changing the saturation by 10% instead.



 755815

 755815

FFFFFF

 5A4100

 AC8A46

 412B00

 C9A45F

 271700

 E6BF78

 050000

 FFDB93

 000000

 FFF7AE

 FFFFC9

 FFFFEE

 755815

 755815

■ 755409

■ 755C21

■ 755200

■ 755F2C

■ 756338

■ 756644

■ 756A50

■ 756D5B

■ 757167

■ 757473

■ 75787E

# Harmonies

## Analogous

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



8D4B28



755815



556219

# Triad

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



755815



006C75



7D4985

# Complementary

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



755815



153275

# 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.



4F579A



755815



006A91

# Square

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



755815



006C53



00639F



953E66

# Rectangle

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



755815



3B6729



00639F



714E8E



# Sweetspot

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



755815



998D73



751533



4D4636



CCCCCC



4D4D4D



# Same Dimension

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



755815



996C03



637515



3B3935



7A5500



FAAE00



# Inverse Universe

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



153275



033099



271575



35373B



00257A



004BFA



# Previews

## White Background



This preview shows how the Hex color 755815 looks on a white background.

## Color Contrast Check

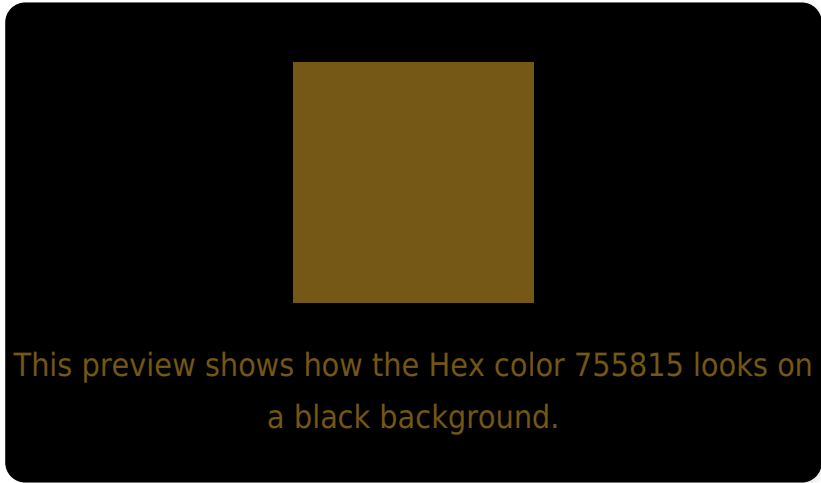
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 755815 Background



This preview shows how black text looks on a background with the Hex color 755815.



This preview shows how white text looks on a background with the Hex color 755815.

# 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**  
755815

**Protanopia**  
685D16

**Deuteranopia**  
755815



**Tritanopia**  
795258

# Trichromacy



**Original Color**  
755815

**Protanomaly**  
6D5B16

**Deuteranomaly**  
755815

**Tritanomaly**  
785440

# Monochromacy



**Original Color**  
755815

**Achromatopsia**  
595959

**Achromatomaly**  
635940

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 755815 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 #755815 looks like.

```
.text, #text, p{  
  color:#755815  
}
```

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 #755815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755815
}
```

## Border

The CSS property to change the border of an element to Hex 755815 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
#755815 }
```

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

```
.border{ border-color:#755815 }
```

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

Here you see how a box with a 4 pixel #755815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755815; -webkit-box-shadow:4px 4px  
4px 4px #755815; box-shadow:4px 4px 4px  
4px #755815 }
```

# Background

The CSS property to change the background color of an element to Hex 755815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755815 }
```

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

```
.background{ background-color:#755815 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor