

# Converting Colors

Hex(785F07)

Have a look what the booklet for  
Hex(785F07) contains.

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**Color**

**Hex(785F07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785F07
RGB	120, 95, 7
RGB Percent	47%, 37%, 3%
CMY	0.5294, 0.6275, 0.9725
CMYK	0.00, 0.21, 0.94, 0.53
HSL	47°, 89%, 25%
HSV	47°, 94%, 47%
XYZ	11.8763, 12.1928, 1.9285
YIQ	92.4430, 43.1480, -22.0680

# Conversions

## Conversions Part 2

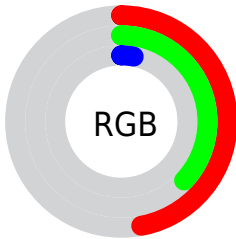
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 120, 7
Decimal	7888647
CIE <sub>Lab</sub>	41.52, 2.03, 47.04
CIE <sub>LCh</sub>	42, 47.084, 87.526
Yxy	12.1928, 0.4568, 0.4690
Android (android.graphics.Color)	4286078727 (0xFF785F07)
YUV	92.4430, -42.1234, 24.1675
Hunter-Lab	34.9182, -0.3960, 21.1682

# Details

The Hex color **785F07** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **072078**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B0913E**, and **433100** is the 20% darker color. If you saturate the color by 10%, you get **785D00**, and if you desaturate by 10%, it is **786213**.

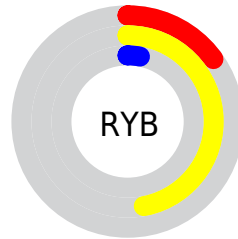
# Distribution



Red (47%)

Green (37%)

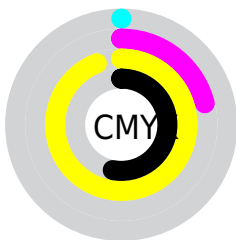
Blue (3%)



Red (15%)

Yellow (47%)

Blue (3%)

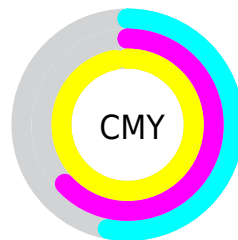


Cyan (0%)

Magenta (21%)

Yellow (94%)

Black (53%)



Cyan (53%)

Magenta (63%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785F07 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 785F07 by changing the saturation by 10% instead.



 785F07

 785F07

 FFFFFC

 5D4800

 B0913E

 433100

 CDAC58

 2A1D00

 EAC771

 0E0400

 FFE38C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 785F07

 785F07

■ 785D00

■ 786213

■ 78641F

■ 78672B

■ 786A37

■ 786C43

■ 786F4F

■ 78725B

■ 787467

■ 787773

# Harmonies

## Analogous

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



95501F



785F07



526A15

# Triad

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



785F07



007485



8D488C

# Complementary

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



785F07



072078

# 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.



5C59A7



785F07



0070A3

# Square

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



785F07



00745D



0067AF



A53C67

# Rectangle

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



785F07



316F2A



0067AF



804D97



# Sweetspot

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



785F07



9C9270



780721



4F4934



CFCFCF



4F4F4F



# Same Dimension

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



785F07



9C7900



5A7807



3D3C37



7D6100



FCC500



# Inverse Universe

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



072078



00229C



250778



37383D



001C7D

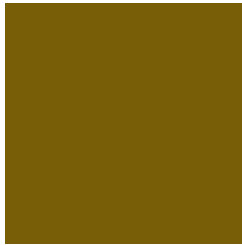


0038FC



# Previews

## White Background



This preview shows how the Hex color 785F07 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 785F07 Background



This preview shows how black text looks on a background with the Hex color 785F07.



This preview shows how white text looks on a background with the Hex color 785F07.

# 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**  
785F07

**Protanopia**  
6F6309

**Deuteranopia**  
7C5D0A



**Tritanopia**  
7D585F

# Trichromacy



**Original Color**  
785F07

**Protanomaly**  
726208

**Deuteranomaly**  
7B5E09

**Tritanomaly**  
7B5B3F

# Monochromacy



**Original Color**  
785F07

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
665D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785F07 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 #785F07 looks like.

```
.text, #text, p{  
    color:#785F07  
}
```

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 #785F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785F07
}
```

## Border

The CSS property to change the border of an element to Hex 785F07 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
#785F07 }
```

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

```
.border{ border-color:#785F07 }
```

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

Here you see how a box with a 4 pixel #785F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785F07; -webkit-box-shadow:4px 4px  
4px 4px #785F07; box-shadow:4px 4px 4px  
4px #785F07 }
```

# Background

The CSS property to change the background color of an element to Hex 785F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785F07 }
```

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

```
.background{ background-color:#785F07 }
```

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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