

Converting Colors

Hex(785D06)

Have a look what the booklet for
Hex(785D06) contains.

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Color

Hex(785D06)

Conversions

Conversions Part 1

Format	Color
Hex	785D06
RGB	120, 93, 6
RGB Percent	47%, 36%, 2%
CMY	0.5294, 0.6353, 0.9765
CMYK	0.00, 0.22, 0.95, 0.53
HSL	46°, 90%, 25%
HSV	46°, 95%, 47%
XYZ	11.6930, 11.8349, 1.8404
YIQ	91.1550, 44.0190, -21.3330

Conversions

Conversions Part 2

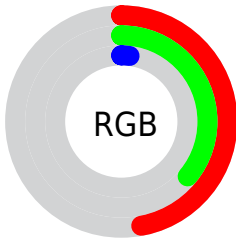
Format	Color
R_{YB}	41, 120, 6
Decimal	7888134
CIE Lab	40.95, 3.19, 46.87
CIE LCh	41, 46.975, 86.106
Yxy	11.8349, 0.4609, 0.4665
Android (android.graphics.Color)	4286078214 (0xFF785D06)
YUV	91.1550, -41.9814, 25.2971
Hunter-Lab	34.4019, 0.4674, 20.9095

Details

The Hex color **785D06** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **062178**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B08F3D**, and **433000** is the 20% darker color. If you saturate the color by 10%, you get **785C00**, and if you desaturate by 10%, it is **786012**.

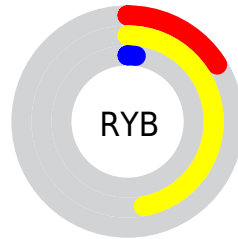
Distribution



Red (47%)

Green (36%)

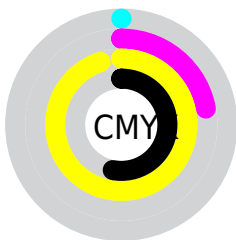
Blue (2%)



Red (16%)

Yellow (47%)

Blue (2%)

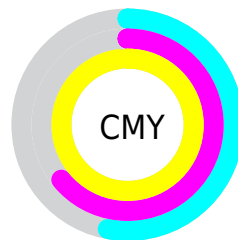


Cyan (0%)

Magenta (22%)

Yellow (95%)

Black (53%)



Cyan (53%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785D06 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 785D06 by changing the saturation by 10% instead.

 785D06

 785D06

 FFFFFB

 5D4600

 B08F3D

 433000

 CDA957

 291B00

 EAC470

 0D0100

 FFE08B

 000000

 FFFDA6

 FFFFC1

 FFFFDE

 785D06

 785D06

■ 785C00

■ 786012

■ 78631E

■ 78662A

■ 786836

■ 786B42

■ 786E4E

■ 78715A

■ 787466

■ 787772

Harmonies

Analogous

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



944E20



785D06



536812

Triad

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



785D06



007281



8A478C

Complementary

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



785D06



062178

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.



5758A6



785D06



006FA0

Square

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



785D06



00725A



0067AE



A23B67

Rectangle

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



785D06



326D27



0067AE



7D4D96

Sweetspot

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



785D06



9C916E



780623



4F4833



CFCFCF



4F4F4F

Same Dimension

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



785D06



9C7700



5B7806



3D3C37



7D5F00



FCC100

Inverse Universe

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



062178



00259C



230678



37393D



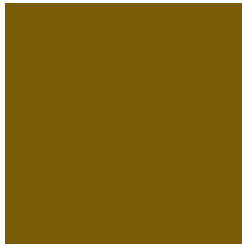
001E7D



003CFC

Previews

White Background



This preview shows how the Hex color 785D06 looks on a white background.

Color Contrast Check

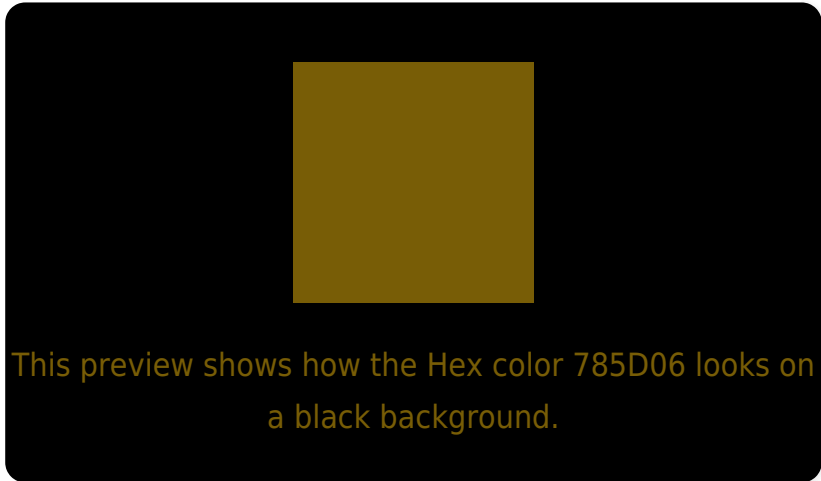
Large Text (above 18pt) WCAG AA ✓ Pass

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 785D06 Background



This preview shows how black text looks on a background with the Hex color 785D06.



This preview shows how white text looks on a background with the Hex color 785D06.

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
785D06

Protanopia
6D6108

Deuteranopia
7B5C08



Tritanopia
7D565D

Trichromacy



Original Color
785D06

Protanomaly
716007

Deuteranomaly
7A5C07

Tritanomaly
7B593D

Monochromacy



Original Color
785D06

Achromatopsia
5B5B5B

Achromatomaly
665C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 785D06 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 #785D06 looks like.

```
.text, #text, p{  
    color:#785D06  
}
```

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 #785D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785D06
}
```

Border

The CSS property to change the border of an element to Hex 785D06 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
#785D06 }
```

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

```
.border{ border-color:#785D06 }
```

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

Here you see how a box with a 4 pixel #785D06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785D06; -webkit-box-shadow:4px 4px  
4px 4px #785D06; box-shadow:4px 4px 4px  
4px #785D06 }
```

Background

The CSS property to change the background color of an element to Hex 785D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785D06 }
```

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

```
.background{ background-color:#785D06 }
```

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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