

# Converting Colors

Hex(785906)

Have a look what the booklet for  
Hex(785906) contains.

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**Color**

**Hex(785906)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785906
RGB	120, 89, 6
RGB Percent	47%, 35%, 2%
CMY	0.5294, 0.6510, 0.9765
CMYK	0.00, 0.26, 0.95, 0.53
HSL	44°, 90%, 25%
HSV	44°, 95%, 47%
XYZ	11.3510, 11.1510, 1.7264
YIQ	88.8070, 45.1190, -19.2410

# Conversions

## Conversions Part 2

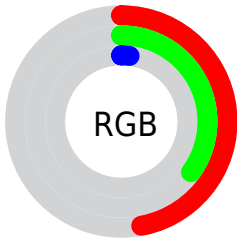
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 120, 6
Decimal	7887110
CIELab	39.83, 5.56, 46.02
CIELCh	40, 46.355, 83.106
Yxy	11.1510, 0.4685, 0.4602
Android (android.graphics.Color)	4286077190 (0xFF785906)
YUV	88.8070, -40.8239, 27.3563
Hunter-Lab	33.3931, 2.2379, 20.3099

# Details

The Hex color **785906** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **062578**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B08B3D**, and **432C00** is the 20% darker color. If you saturate the color by 10%, you get **785700**, and if you desaturate by 10%, it is **785C12**.

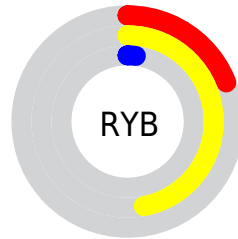
# Distribution



Red (47%)

Green (35%)

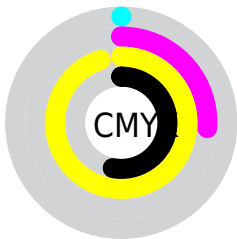
Blue (2%)



Red (19%)

Yellow (47%)

Blue (2%)

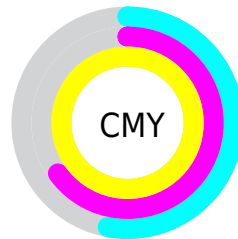


Cyan (0%)

Magenta (26%)

Yellow (95%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785906 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 785906 by changing the saturation by 10% instead.



 785906

 785906

 FFFFF9

 5D4200

 B08B3D

 432C00

 CDA556

 291800

 EAC06F

 0C0000

 FFDC8A

 000000

 FFF8A4

 FFFFC0

 FFFFDC

 785906

 785906

■ 785700

■ 785C12

■ 78601E

■ 78632A

■ 786636

■ 786942

■ 786D4E

■ 78705A

■ 787366

■ 787672

# Harmonies

## Analogous

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



934A21



785906



54650D

# Triad

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



785906



006F7A



83478C

# Complementary

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



785906



062578

# 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.



4D58A4



785906



006D9A

# Square

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



785906



006F54



0065A9



9D3968

# Rectangle

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



785906



366A22



0065A9



754C95



# Sweetspot

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



785906



9C8F6E



780626



4F4833



CFCFCF



4F4F4F



# Same Dimension

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



785906



9C7100



5F7806



3D3C37



7D5B00



FCB800



# Inverse Universe

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



062578



002A9C



1F0678



37393D



00227D

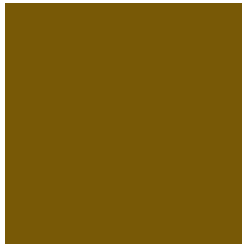


0045FC



# Previews

## White Background



This preview shows how the Hex color 785906 looks on a white background.

## Color Contrast Check

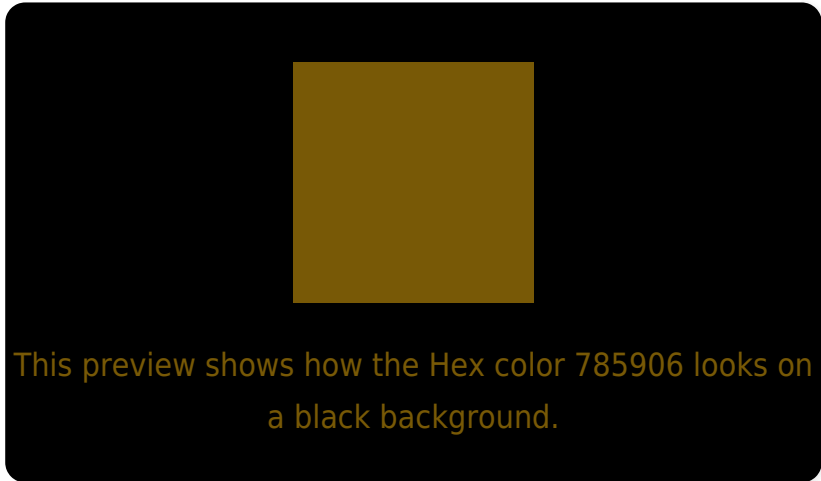
Large Text (above 18pt) WCAG AA ✓ Pass

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

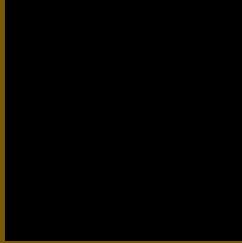
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785906 Background



This preview shows how black text looks on a background with the Hex color 785906.



This preview shows how white text looks on a background with the Hex color 785906.

# 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**  
785906

**Protanopia**  
6A5F09

**Deuteranopia**  
775905



**Tritanopia**  
7C5359

# Trichromacy



**Original Color**  
785906

**Protanomaly**  
6F5D08

**Deuteranomaly**  
775905

**Tritanomaly**  
7B553B

# Monochromacy



**Original Color**  
785906

**Achromatopsia**  
595959

**Achromatomaly**  
64593B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785906 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 #785906 looks like.

```
.text, #text, p{  
    color:#785906  
}
```

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 #785906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785906
}
```

## Border

The CSS property to change the border of an element to Hex 785906 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
#785906 }
```

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

```
.border{ border-color:#785906 }
```

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

Here you see how a box with a 4 pixel #785906 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785906; -webkit-box-shadow:4px 4px  
4px 4px #785906; box-shadow:4px 4px 4px  
4px #785906 }
```

# Background

The CSS property to change the background color of an element to Hex 785906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785906 }
```

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

```
.background{ background-color:#785906 }
```

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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