

# Converting Colors

Hex(785B00)

Have a look what the booklet for  
Hex(785B00) contains.

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**Color**

**Hex(785B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785B00
RGB	120, 91, 0
RGB Percent	47%, 36%, 0%
CMY	0.5294, 0.6431, 1.0000
CMYK	0.00, 0.24, 1.00, 0.53
HSL	46°, 100%, 24%
HSV	46°, 100%, 47%
XYZ	11.4868, 11.4752, 1.6095
YIQ	89.2970, 46.4950, -22.1530

# Conversions

## Conversions Part 2

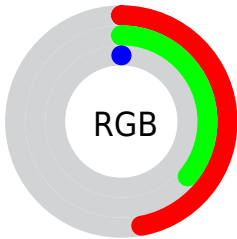
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 120, 0
Decimal	7887616
CIELab	40.37, 4.23, 48.10
CIELCh	40, 48.291, 84.972
Yxy	11.4752, 0.4675, 0.4670
Android (android.graphics.Color)	4286077696 (0xFF785B00)
YUV	89.2970, -44.0234, 26.9265
Hunter-Lab	33.8751, 1.2466, 20.8955

# Details

The Hex color **785B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001D78**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B08D39**, and **432E00** is the 20% darker color. If you saturate the color by 10%, you get **785B00**, and if you desaturate by 10%, it is **785E0C**.

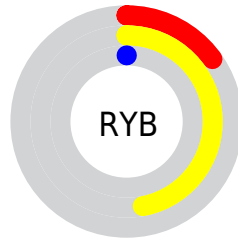
# Distribution



Red (47%)

Green (36%)

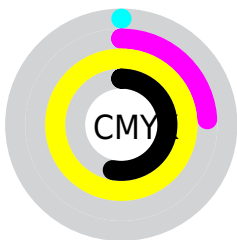
Blue (0%)



Red (15%)

Yellow (47%)

Blue (0%)

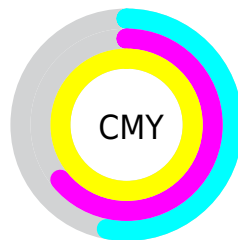


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785B00 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 785B00 by changing the saturation by 10% instead.



 785B00

 785B00

 FFFFF6

 5D4400

 B08D39

 432E00

 CDA753

 291900

 EBC26C

 0D0000

 FFDE87

 000000

 FFFBA2

 FFFFBD

 FFFFD9

 785B00

 785E0C

 786118

 786424

 786730

 786A3C

 786C48

 786F54

 787260

 78756C

# Harmonies

## Analogous

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



954B1D



785B00



52670A

# Triad

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



785B00



00717F



88458D

# Complementary

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



785B00



001D78

# 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.



5258A7



785B00



006E9F

# Square

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



785B00



007157



0066AE



A23868

# Rectangle

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



785B00



316C23



0066AE



7A4B97



# Sweetspot

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



785B00



9C906D



78001E



4F4833



CFCFCF



4F4F4F



# Same Dimension

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



785B00



9C7600



5A7800



3D3C37



7D5F00



FCBF00



# Inverse Universe

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



001D78



00269C



1E0078



37393D



001E7D

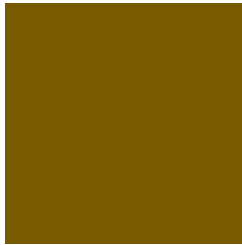


003DFC



# Previews

## White Background



This preview shows how the Hex color 785B00 looks on a white background.

## Color Contrast Check

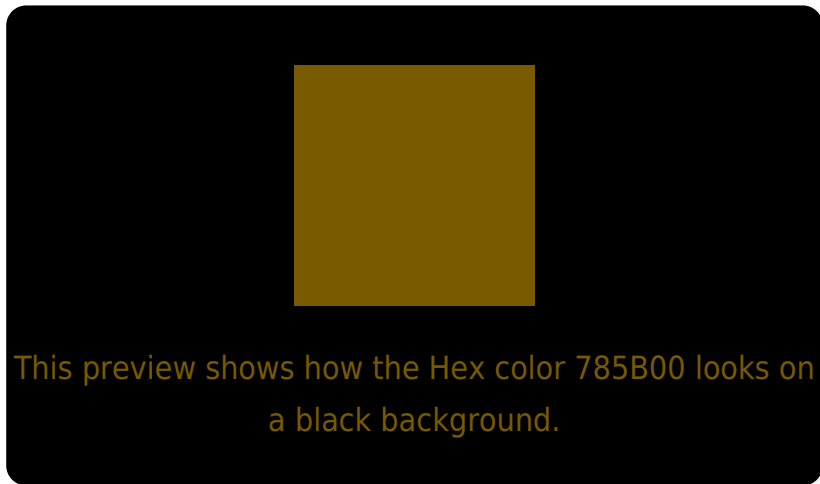
Large Text (above 18pt) WCAG AA ✓ Pass

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 785B00 Background



This preview shows how black text looks on a background with the Hex color 785B00.



This preview shows how white text looks on a background with the Hex color 785B00.

# 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**  
785B00

**Protanopia**  
6C6006

**Deuteranopia**  
795B04



**Tritanopia**  
7C555B

# Trichromacy



**Original Color**  
785B00

**Protanomaly**  
705E04

**Deuteranomaly**  
795B03

**Tritanomaly**  
7B573A

# Monochromacy



**Original Color**  
785B00

**Achromatopsia**  
595959

**Achromatomaly**  
645A39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785B00 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 #785B00 looks like.

```
.text, #text, p{  
    color:#785B00  
}
```

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 #785B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785B00
}
```

## Border

The CSS property to change the border of an element to Hex 785B00 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
#785B00 }
```

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

```
.border{ border-color:#785B00 }
```

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

Here you see how a box with a 4 pixel #785B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785B00; -webkit-box-shadow:4px 4px  
4px 4px #785B00; box-shadow:4px 4px 4px  
4px #785B00 }
```

# Background

The CSS property to change the background color of an element to Hex 785B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785B00 }
```

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

```
.background{ background-color:#785B00 }
```

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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