

# Converting Colors

Hex(787C00)

Have a look what the booklet for  
Hex(787C00) contains.

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**Color**

**Hex(787C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	787C00
RGB	120, 124, 0
RGB Percent	47%, 49%, 0%
CMY	0.5294, 0.5137, 1.0000
CMYK	0.03, 0.00, 1.00, 0.51
HSL	62°, 100%, 24%
HSV	62°, 100%, 49%
XYZ	14.9534, 18.4084, 2.7650
YIQ	108.6680, 37.4200, -39.4120

# Conversions

## Conversions Part 2

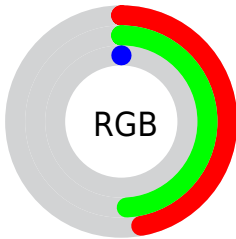
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 124, 4
Decimal	7896064
CIELab	49.99, -14.51, 54.99
CIELCh	50, 56.867, 104.781
Yxy	18.4084, 0.4139, 0.5095
Android (android.graphics.Color)	4286086144 (0xFF787C00)
YUV	108.6680, -53.5733, 9.9382
Hunter-Lab	42.9050, -12.8723, 26.2125

# Details

The Hex color **787C00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **04007C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B0B041**, and **444B00** is the 20% darker color. If you saturate the color by 10%, you get **787C00**, and if you desaturate by 10%, it is **787C0C**.

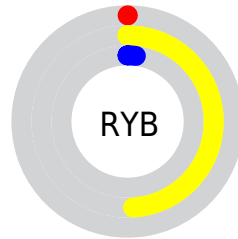
# Distribution



Red (47%)

Green (49%)

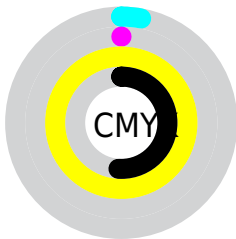
Blue (0%)



Red (0%)

Yellow (49%)

Blue (2%)

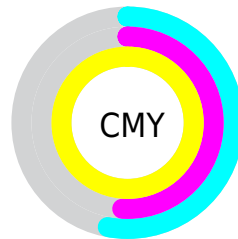


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787C00 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 787C00 by changing the saturation by 10% instead.



 787C00

 787C00

FFFFFF

 5D6300

 B0B041

 444B00

 CCCC5B

 293500

 E9E876

 102000

 FFFF91

 000000

 FFFFAD

 FFFFC9

 FFFF E5

 787C00

 787C0C

 797C19

 797C25

 7A7C32

 7A7C3E

 7A7C4A

 7B7C57

 7B7C63

 7C7C70

# Harmonies

## Analogous

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



A36C0B



787C00



3F862C

# Triad

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



787C00



008BBA



C14B92

# Complementary

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



787C00



04007C

# 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.



975FBC



787C00



0083D4

# Square

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



787C00



008D8E



3F74D5



CE4761

# Rectangle

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



787C00



008B4B



3F74D5



B750A1



# Sweetspot

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



787C00



9FA170



7C0200



515234



D1D1D1



525252



# Same Dimension

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



787C00



9BA100



3C7C00



3D3D37



797D00



F4FC00



# Inverse Universe

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



04007C



0500A1



40007C



37373D



04007D



0800FC



# Previews

## White Background



This preview shows how the Hex color 787C00 looks on a white background.

## Color Contrast Check

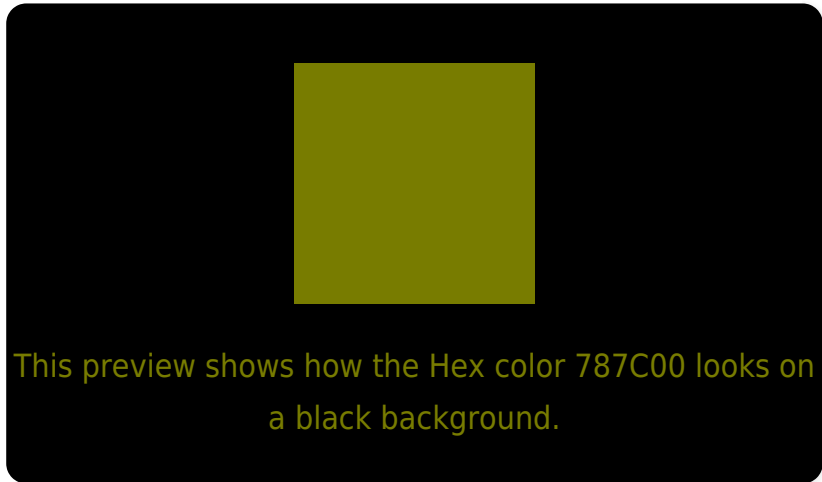
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 787C00 Background



This preview shows how black text looks on a background with the Hex color 787C00.



This preview shows how white text looks on a background with the Hex color 787C00.

# 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**  
787C00

**Protanopia**  
867700

**Deuteranopia**  
967113



**Tritanopia**  
80737C

# Trichromacy



**Original Color**  
787C00

**Protanomaly**  
817900

**Deuteranomaly**  
8B750C

**Tritanomaly**  
7D764F

# Monochromacy



**Original Color**  
787C00

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
717245

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787C00 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 #787C00 looks like.

```
.text, #text, p{  
    color:#787C00  
}
```

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 #787C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787C00
}
```

## Border

The CSS property to change the border of an element to Hex 787C00 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
#787C00 }
```

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

```
.border{ border-color:#787C00 }
```

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

Here you see how a box with a 4 pixel #787C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787C00; -webkit-box-shadow:4px 4px  
4px 4px #787C00; box-shadow:4px 4px 4px  
4px #787C00 }
```

# Background

The CSS property to change the background color of an element to Hex 787C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787C00 }
```

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

```
.background{ background-color:#787C00 }
```

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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