

Converting Colors

Hex(787C02)

Have a look what the booklet for
Hex(787C02) contains.

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Color

Hex(787C02)

Conversions

Conversions Part 1

Format	Color
Hex	787C02
RGB	120, 124, 2
RGB Percent	47%, 49%, 1%
CMY	0.5294, 0.5137, 0.9922
CMYK	0.03, 0.00, 0.98, 0.51
HSL	62°, 97%, 25%
HSV	62°, 98%, 49%
XYZ	14.9643, 18.4128, 2.8227
YIQ	108.8960, 36.7780, -38.7900

Conversions

Conversions Part 2

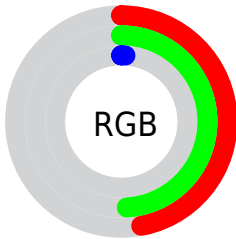
Format	Color
R_YB	2, 124, 6
Decimal	7896066
CIE Lab	49.99, -14.47, 54.59
CIE LCh	50, 56.472, 104.842
Yxy	18.4128, 0.4134, 0.5086
Android (android.graphics.Color)	4286086146 (0xFF787C02)
YUV	108.8960, -52.6997, 9.7382
Hunter-Lab	42.9101, -12.8431, 26.1368

Details

The Hex color **787C02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06027C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B0B042**, 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 **787C0E**.

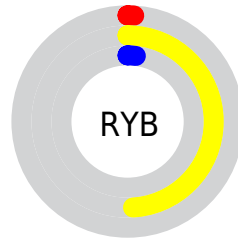
Distribution



Red (47%)

Green (49%)

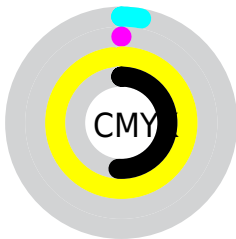
Blue (1%)



Red (1%)

Yellow (49%)

Blue (2%)

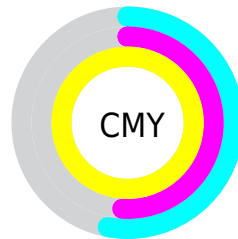


Cyan (3%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787C02 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 787C02 by changing the saturation by 10% instead.



787C02



787C02

FFFFFF



5D6300



B0B042



444B00



CCCC5C



2A3500



E9E877



102000



FFFF92



000000



FFFFAD



FFFPCA



FFFEE6



787C02



787C02

■ 787C00

■ 787C0E

■ 797C1B

■ 797C27

■ 7A7C34

■ 7A7C40

■ 7A7C4C

■ 7B7C59

■ 7B7C65

■ 7C7C72

Harmonies

Analogous

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



A26C0C



787C02



40862D

Triad

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



787C02



008BBA



C14B91

Complementary

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



787C02



06027C

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



787C02



0083D4

Square

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



787C02



008D8E



4074D4



CD4761

Rectangle

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



787C02



008A4C



4074D4



B651A1

Sweetspot

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



787C02



9FA170



7C0402



515234



D1D1D1



525252

Same Dimension

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



787C02



9BA100



3D7C02



3D3D37



797D00



F4FC00

Inverse Universe

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



06027C



0500A1



41027C



37373D



04007D



0800FC

Previews

White Background



This preview shows how the Hex color 787C02 looks on a white background.

Color Contrast Check

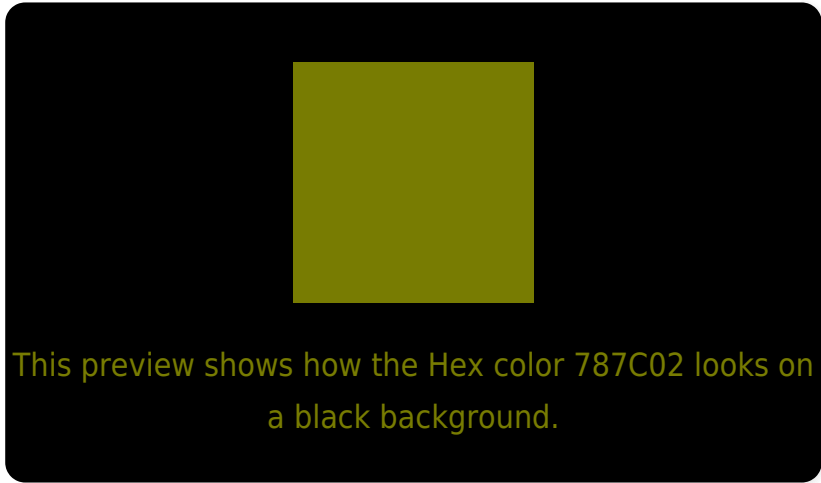
Large Text (above 18pt) WCAG AA ✓ Pass

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 787C02 Background



This preview shows how black text looks on a background with the Hex color 787C02.



This preview shows how white text looks on a background with the Hex color 787C02.

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
787C02

Protanopia
867700

Deuteranopia
967113



Tritanopia
80737C

Trichromacy



Original Color
787C02

Protanomaly
817901

Deuteranomaly
8B750D

Tritanomaly
7D7650

Monochromacy



Original Color
787C02

Achromatopsia
6D6D6D

Achromatomaly
717246

CSS Examples

Text

The CSS property to change the color of the text to Hex 787C02 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 #787C02 looks like.

```
.text, #text, p{  
    color:#787C02  
}
```

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 #787C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787C02
}
```

Border

The CSS property to change the border of an element to Hex 787C02 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
#787C02 }
```

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

```
.border{ border-color:#787C02 }
```

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

Here you see how a box with a 4 pixel #787C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787C02; -webkit-box-shadow:4px 4px  
4px 4px #787C02; box-shadow:4px 4px 4px  
4px #787C02 }
```

Background

The CSS property to change the background color of an element to Hex 787C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787C02 }
```

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

```
.background{ background-color:#787C02 }
```

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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