

Converting Colors

Hex(787700)

Have a look what the booklet for
Hex(787700) contains.

Hex(787700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(787700)

Conversions

Conversions Part 1

Format	Color
Hex	787700
RGB	120, 119, 0
RGB Percent	47%, 47%, 0%
CMY	0.5294, 0.5333, 1.0000
CMYK	0.00, 0.01, 1.00, 0.53
HSL	60°, 100%, 24%
HSV	60°, 100%, 47%
XYZ	14.3426, 17.1867, 2.5614
YIQ	105.7330, 38.7950, -36.7970

Conversions

Conversions Part 2

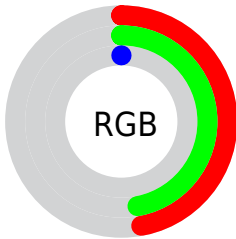
Format	Color
R_{YB}	1, 120, 0
Decimal	7894784
CIE Lab	48.49, -11.80, 53.89
CIE LCh	48, 55.167, 102.349
Yxy	17.1867, 0.4207, 0.5041
Android (android.graphics.Color)	4286084864 (0xFF787700)
YUV	105.7330, -52.1264, 12.5122
Hunter-Lab	41.4569, -10.7951, 25.3565

Details

The Hex color **787700** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000178**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B0AB40**, and **434700** is the 20% darker color. If you saturate the color by 10%, you get **787700**, and if you desaturate by 10%, it is **78770C**.

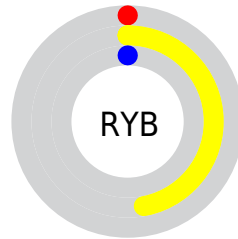
Distribution



Red (47%)

Green (47%)

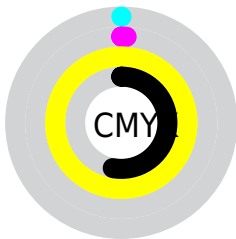
Blue (0%)



Red (0%)

Yellow (47%)

Blue (0%)

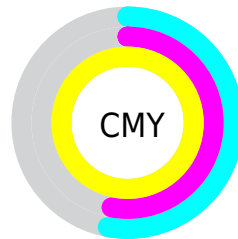


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 787700 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 787700 by changing the saturation by 10% instead.

 787700

 787700

FFFFFF

 5D5E00

 B0AB40

 434700

 CCC65A

 2A3100

 EAE274

 101C00

 FFFF8F

 000000

 FFFFAB

 FFFFC7

 FFFF E4

 787700

 78770C

 787718

 787724

 787730

 78773C

 787848

 787854

 787860

 78786C

Harmonies

Analogous

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



A0670F



787700



438228

Triad

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



787700



0087B1



B94A91

Complementary

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



787700



000178

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.



8E5EB9



787700



0080CC

Square

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



787700



008986



3172CF



C74462

Rectangle

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



787700



008645



3172CF



AE509F

Sweetspot

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



787700



9C9B6D



780002



4F4F33



CFCFCF



4F4F4F

Same Dimension

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



787700



9C9A00



3E7800



3D3D37



7D7C00



FCFA00

Inverse Universe

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



000178



00019C



3A0078



37373D



00017D



0002FC

Previews

White Background



This preview shows how the Hex color 787700 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 787700 Background



This preview shows how black text looks on a background with the Hex color 787700.



This preview shows how white text looks on a background with the Hex color 787700.

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
787700

Protanopia
827400

Deuteranopia
926D12



Tritanopia
806F77

Trichromacy



Original Color
787700

Protanomaly
7E7500

Deuteranomaly
89710B

Tritanomaly
7D724C

Monochromacy



Original Color
787700

Achromatopsia
6A6A6A

Achromatomaly
6F6F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 787700 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 #787700 looks like.

```
.text, #text, p{  
    color:#787700  
}
```

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 #787700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787700
}
```

Border

The CSS property to change the border of an element to Hex 787700 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
#787700 }
```

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

```
.border{ border-color:#787700 }
```

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

Here you see how a box with a 4 pixel #787700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787700; -webkit-box-shadow:4px 4px  
4px 4px #787700; box-shadow:4px 4px 4px  
4px #787700 }
```

Background

The CSS property to change the background color of an element to Hex 787700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787700 }
```

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

```
.background{ background-color:#787700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor