

Converting Colors

Hex(786C08)

Have a look what the booklet for
Hex(786C08) contains.

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Color

Hex(786C08)

Conversions

Conversions Part 1

Format	Color
Hex	786C08
RGB	120, 108, 8
RGB Percent	47%, 42%, 3%
CMY	0.5294, 0.5765, 0.9686
CMYK	0.00, 0.10, 0.93, 0.53
HSL	54°, 88%, 25%
HSV	54°, 93%, 47%
XYZ	13.1521, 14.7357, 2.3808
YIQ	100.1880, 39.2520, -28.5560

Conversions

Conversions Part 2

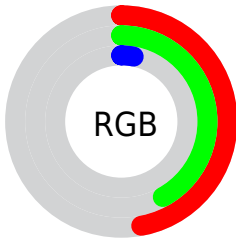
Format	Color
R_{YB}	21, 120, 8
Decimal	7891976
CIE Lab	45.27, -5.48, 49.71
CIE LCh	45, 50.012, 96.289
Yxy	14.7357, 0.4345, 0.4868
Android (android.graphics.Color)	4286082056 (0xFF786C08)
YUV	100.1880, -45.4487, 17.3751
Hunter-Lab	38.3871, -6.0202, 23.1938

Details

The Hex color **786C08** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **081478**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B09F41**, and **443D00** is the 20% darker color. If you saturate the color by 10%, you get **786B00**, and if you desaturate by 10%, it is **786D14**.

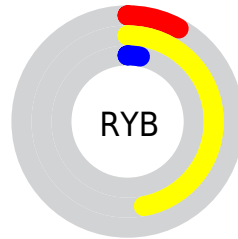
Distribution



Red (47%)

Green (42%)

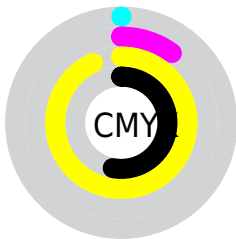
Blue (3%)



Red (8%)

Yellow (47%)

Blue (3%)

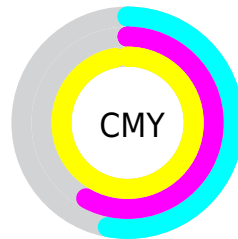


Cyan (0%)

Magenta (10%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786C08 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 786C08 by changing the saturation by 10% instead.

 786C08

 786C08

FFFFFF

 5D5400

 B09F41

 443D00

 CCBA5B

 2A2800

 E9D675

 0F1400

 FFF290

 000000

 FFFFAB

 FFFFC7

 FFFFEE

 786C08

 786C08

■ 786B00

■ 786D14

■ 786F20

■ 78702C

■ 787138

■ 787244

■ 787450

■ 78755C

■ 787668

■ 787874

Harmonies

Analogous

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



9A5D1A



786C08



4C7721

Triad

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



786C08



007E9C



A44A8E

Complementary

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



786C08



081478

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.



785CAF



786C08



0078B7

Square

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



786C08



007F73



066DBE



B64264

Rectangle

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



786C08



1E7B3A



066DBE



99509A

Sweetspot

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



786C08



9C9770



780815



4F4C34



CFCFCF



4F4F4F

Same Dimension

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



786C08



9C8B00



4D7808



3D3D37



7D7000



FCE100

Inverse Universe

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



081478



00119C



330878



37383D



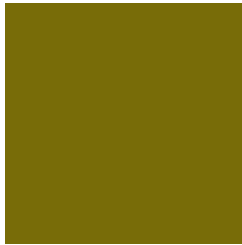
000D7D



001BFC

Previews

White Background



This preview shows how the Hex color 786C08 looks on a white background.

Color Contrast Check

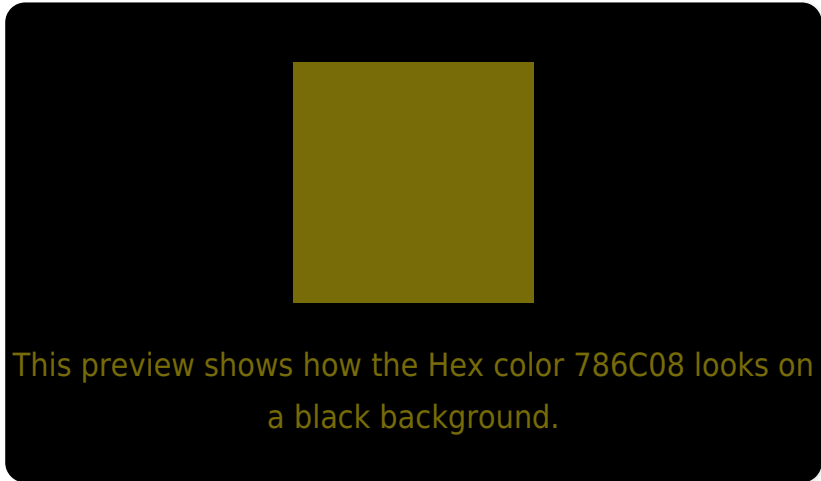
Large Text (above 18pt) WCAG AA ✓ Pass

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 786C08 Background



This preview shows how black text looks on a background with the Hex color 786C08.



This preview shows how white text looks on a background with the Hex color 786C08.

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
786C08

Protanopia
796C08

Deuteranopia
886610



Tritanopia
7E646C

Trichromacy



Original Color
786C08

Protanomaly
796C08

Deuteranomaly
82680D

Tritanomaly
7C6748

Monochromacy



Original Color
786C08

Achromatopsia
646464

Achromatomaly
6B6743

CSS Examples

Text

The CSS property to change the color of the text to Hex 786C08 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 #786C08 looks like.

```
.text, #text, p{  
    color:#786C08  
}
```

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 #786C08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786C08
}
```

Border

The CSS property to change the border of an element to Hex 786C08 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
#786C08 }
```

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

```
.border{ border-color:#786C08 }
```

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

Here you see how a box with a 4 pixel #786C08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786C08; -webkit-box-shadow:4px 4px  
4px 4px #786C08; box-shadow:4px 4px 4px  
4px #786C08 }
```

Background

The CSS property to change the background color of an element to Hex 786C08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786C08 }
```

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

```
.background{ background-color:#786C08 }
```

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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