

Converting Colors

Hex(786B0D)

Have a look what the booklet for
Hex(786B0D) contains.

Hex(786B0D)	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(786B0D)

Conversions

Conversions Part 1

Format	Color
Hex	786B0D
RGB	120, 107, 13
RGB Percent	47%, 42%, 5%
CMY	0.5294, 0.5804, 0.9490
CMYK	0.00, 0.11, 0.89, 0.53
HSL	53°, 80%, 26%
HSV	53°, 89%, 47%
XYZ	13.0761, 14.5375, 2.4976
YIQ	100.1710, 37.9220, -26.4780

Conversions

Conversions Part 2

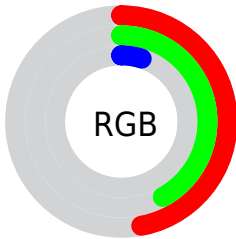
Format	Color
R_{YB}	28, 120, 13
Decimal	7891725
CIE Lab	44.99, -4.79, 48.34
CIE LCh	45, 48.572, 95.658
Yxy	14.5375, 0.4343, 0.4828
Android (android.graphics.Color)	4286081805 (0xFF786B0D)
YUV	100.1710, -42.9753, 17.3900
Hunter-Lab	38.1281, -5.5074, 22.8058

Details

The Hex color **786B0D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D1A78**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **AF9E44**, and **443C00** is the 20% darker color. If you saturate the color by 10%, you get **786A01**, and if you desaturate by 10%, it is **786C19**.

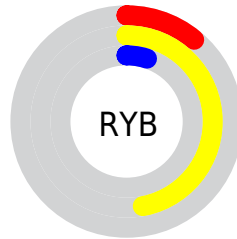
Distribution



Red (47%)

Green (42%)

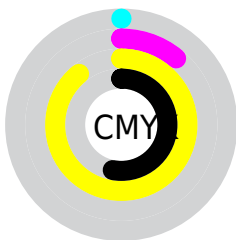
Blue (5%)



Red (11%)

Yellow (47%)

Blue (5%)

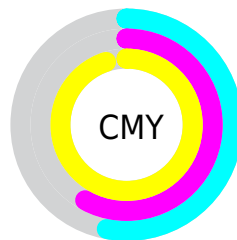


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786B0D 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 786B0D by changing the saturation by 10% instead.

 786B0D

 786B0D

FFFFFF

 5D5300

 AF9E44

 443C00

 CCB95D

 2A2700

 E9D477

 0F1300

 FFF192

 000000

 FFFFAD

 FFFFC9

 FFFF E6

 786B0D

 786B0D

■ 786A01

■ 786C19

■ 786900

■ 786E25

■ 786F31

■ 78713D

■ 787249

■ 787455

■ 787561

■ 78776D

■ 787879

Harmonies

Analogous

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



995C1D



786B0D



4E7523

Triad

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



786B0D



007D99



A14B8D

Complementary

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



786B0D



0D1A78

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.



765CAD



786B0D



0077B4

Square

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



786B0D



007E71



0C6DBB



B34364

Rectangle

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



786B0D



237A3A



0C6DBB



965099

Sweetspot

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



786B0D



9C9672



780D1B



4F4C36



CFCFCF



4F4F4F

Same Dimension

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



786B0D



9C8900



51780D



3D3C37



7D6E00



FCDE00

Inverse Universe

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



0D1A78



00139C



340D78



37383D



000F7D



001FFC

Previews

White Background



This preview shows how the Hex color 786B0D looks on a white background.

Color Contrast Check

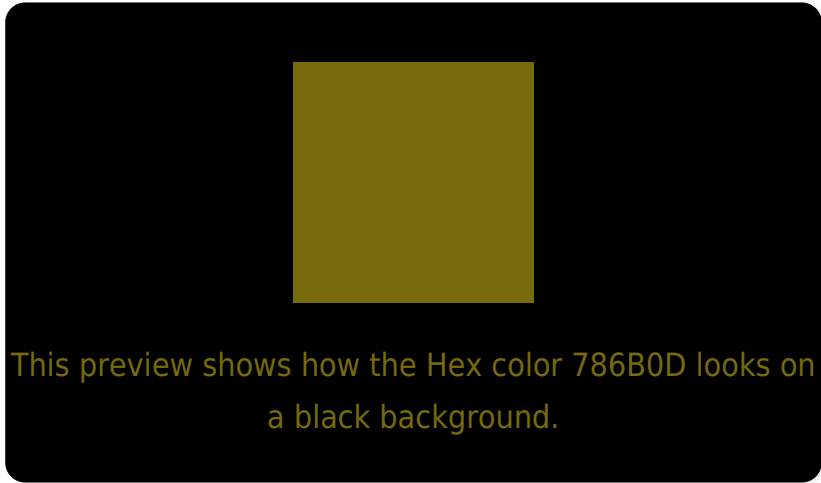
Large Text (above 18pt) WCAG AA ✓ Pass

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

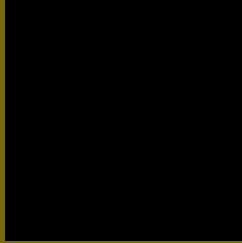
Any Text WCAG AA × Fail

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 786B0D Background



This preview shows how black text looks on a background with the Hex color 786B0D.



This preview shows how white text looks on a background with the Hex color 786B0D.

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
786B0D

Protanopia
786B0D

Deuteranopia
876512



Tritanopia
7E646B

Trichromacy



Original Color
786B0D

Protanomaly
786B0D

Deuteranomaly
826710

Tritanomaly
7C6749

Monochromacy



Original Color
786B0D

Achromatopsia
646464

Achromatomaly
6B6744

CSS Examples

Text

The CSS property to change the color of the text to Hex 786B0D 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 #786B0D looks like.

```
.text, #text, p{  
    color:#786B0D  
}
```

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 #786B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786B0D }
}
```

Border

The CSS property to change the border of an element to Hex 786B0D 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 #786B0D }
}
```

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

```
.border{ border-color:#786B0D }
```

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

Here you see how a box with a 4 pixel #786B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786B0D; -webkit-box-shadow:4px 4px  
4px 4px #786B0D; box-shadow:4px 4px 4px  
4px #786B0D }
```

Background

The CSS property to change the background color of an element to Hex 786B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786B0D }
```

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

```
.background{ background-color:#786B0D }
```

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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