

# Converting Colors

Hex(776B0B)

Have a look what the booklet for  
Hex(776B0B) contains.

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**Color**

**Hex(776B0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776B0B
RGB	119, 107, 11
RGB Percent	47%, 42%, 4%
CMY	0.5333, 0.5804, 0.9569
CMYK	0.00, 0.10, 0.91, 0.53
HSL	53°, 83%, 25%
HSV	53°, 91%, 47%
XYZ	12.9258, 14.4615, 2.4267
YIQ	99.6440, 37.9680, -27.3120

# Conversions

## Conversions Part 2

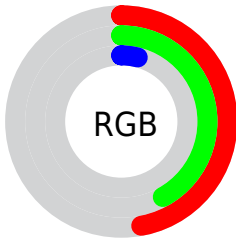
Format	Color
<b>RYB</b>	25, 119, 11
Decimal	7826187
CIELab	44.89, -5.32, 48.70
CIElCh	45, 48.985, 96.237
Yxy	14.4615, 0.4335, 0.4851
Android (android.graphics.Color)	4286016267 (0xFF776B0B)
YUV	99.6440, -43.7015, 16.9752
Hunter-Lab	38.0283, -5.8771, 22.8363

# Details

The Hex color **776B0B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B1777**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AE9E43**, and **433C00** is the 20% darker color. If you saturate the color by 10%, you get **776A00**, and if you desaturate by 10%, it is **776C17**.

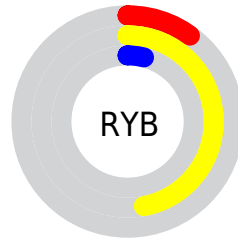
# Distribution



Red (47%)

Green (42%)

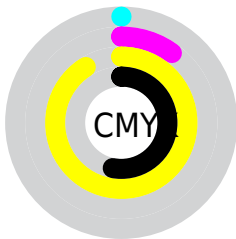
Blue (4%)



Red (10%)

Yellow (47%)

Blue (4%)

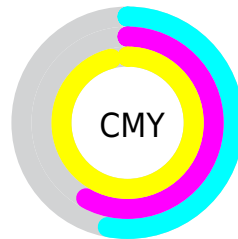


Cyan (0%)

Magenta (10%)

Yellow (91%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776B0B 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 776B0B by changing the saturation by 10% instead.



 776B0B

 776B0B

FFFFFF

 5C5300

 AE9E43

 433C00

 CBB95C

 292700

 E8D476

 0D1300

 FFF191

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 776B0B

 776B0B

■ 776A00

■ 776C17

■ 776E23

■ 776F2F

■ 77703B

■ 777246

■ 777352

■ 77745E

■ 77766A

■ 777776

# Harmonies

## Analogous

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



995C1C



776B0B



4C7522

# Triad

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



776B0B



007C99



A24A8C

# Complementary

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



776B0B



0B1777

# 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.



765CAC



776B0B



0077B5

# Square

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



776B0B



007E72



0E6CBC



B34263

# Rectangle

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



776B0B



207A3A



0E6CBC



974F98



# Sweetspot

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



776B0B



9C9772



770B18



4F4C36



CFCFCF



4F4F4F



# Same Dimension

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



776B0B



9C8A00



4E770B



3B3A35



7A6D00



FADE00



# Inverse Universe

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



0B1777



00119C



340B77



35353B



000E7A



001CFA



# Previews

## White Background



This preview shows how the Hex color 776B0B 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 776B0B Background



This preview shows how black text looks on a background with the Hex color 776B0B.



This preview shows how white text looks on a background with the Hex color 776B0B.

# 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**  
776B0B

**Protanopia**  
786B0B

**Deuteranopia**  
866511



**Tritanopia**  
7D636B

# Trichromacy



**Original Color**  
776B0B

**Protanomaly**  
786B0B

**Deuteranomaly**  
81670F

**Tritanomaly**  
7B6648

# Monochromacy



**Original Color**  
776B0B

**Achromatopsia**  
646464

**Achromatomaly**  
6B6744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776B0B 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 #776B0B looks like.

```
.text, #text, p{  
    color:#776B0B  
}
```

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 #776B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776B0B
}
```

## Border

The CSS property to change the border of an element to Hex 776B0B 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
#776B0B }
```

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

```
.border{ border-color:#776B0B }
```

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

Here you see how a box with a 4 pixel #776B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776B0B; -webkit-box-shadow:4px 4px  
4px 4px #776B0B; box-shadow:4px 4px 4px  
4px #776B0B }
```

# Background

The CSS property to change the background color of an element to Hex 776B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776B0B }
```

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

```
.background{ background-color:#776B0B }
```

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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