

Converting Colors

Hex(766D1B)

Have a look what the booklet for
Hex(766D1B) contains.

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Color

Hex(766D1B)

Conversions

Conversions Part 1

Format	Color
Hex	766D1B
RGB	118, 109, 27
RGB Percent	46%, 43%, 11%
CMY	0.5373, 0.5725, 0.8941
CMYK	0.00, 0.08, 0.77, 0.54
HSL	54°, 63%, 28%
HSV	54°, 77%, 46%
XYZ	13.1377, 14.8680, 3.2143
YIQ	102.3430, 31.6860, -23.5940

Conversions

Conversions Part 2

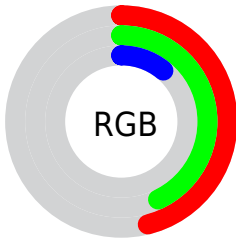
Format	Color
RYB	37, 118, 27
Decimal	7761179
CIELab	45.45, -6.36, 44.14
CIELCh	45, 44.597, 98.201
Yxy	14.8680, 0.4208, 0.4762
Android (android.graphics.Color)	4285951259 (0xFF766D1B)
YUV	102.3430, -37.1441, 13.7312
Hunter-Lab	38.5590, -6.6604, 22.0489

Details

The Hex color **766D1B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B2476**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **ADA04D**, and **433E00** is the 20% darker color. If you saturate the color by 10%, you get **766C0F**, and if you desaturate by 10%, it is **766E27**.

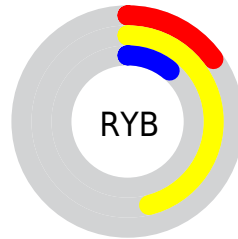
Distribution



Red (46%)

Green (43%)

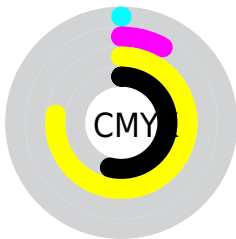
Blue (11%)



Red (15%)

Yellow (46%)

Blue (11%)

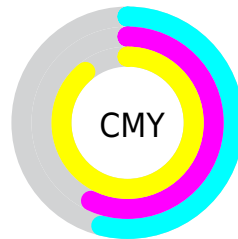


Cyan (0%)

Magenta (8%)

Yellow (77%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766D1B 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 766D1B by changing the saturation by 10% instead.



766D1B



766D1B

FFFFFF



5C5500



ADA04D



433E00



C9BB67



292800



E6D781



0E1500



FFF39C



000000



FFFFB7



FFFFD3



FFFFF0



766D1B



766D1B

■ 766C0F

■ 766E27

■ 766B03

■ 766F33

■ 766A00

■ 76713E

■ 76724A

■ 767356

■ 767462

■ 76756E

■ 767679

■ 767885

Harmonies

Analogous

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



956024



766D1B



4E762D

Triad

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



766D1B



007C99



A14F88

Complementary

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



766D1B



1B2476

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.



7B5DA6



766D1B



0077B0

Square

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



766D1B



007E75



346CB5



B04963

Rectangle

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



766D1B



287A42



346CB5



975393

Sweetspot

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



766D1B



999676



761B24



4D4A37



CCCCCC



4D4D4D

Same Dimension

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



766D1B



998B0B



52761B



3B3A35



7A6E00



FAE100

Inverse Universe

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



1B2476



0B1999



3F1B76



35353B



000C7A



0019FA

Previews

White Background



This preview shows how the Hex color 766D1B 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

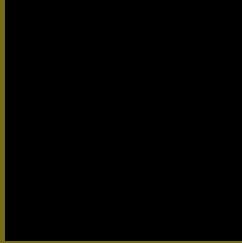
Any Text WCAG AA × Fail

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 766D1B Background



This preview shows how black text looks on a background with the Hex color 766D1B.



This preview shows how white text looks on a background with the Hex color 766D1B.

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
766D1B

Protanopia
796C1B

Deuteranopia
87661E



Tritanopia
7C666E

Trichromacy



Original Color
766D1B

Protanomaly
786C1B

Deuteranomaly
81691D

Tritanomaly
7A6950

Monochromacy



Original Color
766D1B

Achromatopsia
666666

Achromatomaly
6C694B

CSS Examples

Text

The CSS property to change the color of the text to Hex 766D1B 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 #766D1B looks like.

```
.text, #text, p{  
    color:#766D1B  
}
```

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 #766D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766D1B
}
```

Border

The CSS property to change the border of an element to Hex 766D1B 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
#766D1B }
```

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

```
.border{ border-color:#766D1B }
```

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

Here you see how a box with a 4 pixel #766D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766D1B; -webkit-box-shadow:4px 4px  
4px 4px #766D1B; box-shadow:4px 4px 4px  
4px #766D1B }
```

Background

The CSS property to change the background color of an element to Hex 766D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766D1B }
```

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

```
.background{ background-color:#766D1B }
```

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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