

# Converting Colors

Hex(66760B)

Have a look what the booklet for  
Hex(66760B) contains.

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**Color**

**Hex(66760B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66760B
RGB	102, 118, 11
RGB Percent	40%, 46%, 4%
CMY	0.6000, 0.5373, 0.9569
CMYK	0.14, 0.00, 0.91, 0.54
HSL	69°, 83%, 25%
HSV	69°, 91%, 46%
XYZ	12.0183, 15.8058, 2.7340
YIQ	101.0180, 24.8110, -36.6690

# Conversions

## Conversions Part 2

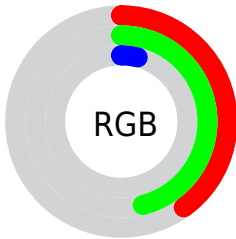
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 118, 27
Decimal	6714891
CIELab	46.72, -19.38, 49.57
CIELCh	47, 53.223, 111.352
Yxy	15.8058, 0.3933, 0.5172
Android (android.graphics.Color)	4284904971 (0xFF66760B)
YUV	101.0180, -44.3789, 0.8612
Hunter-Lab	39.7565, -15.6137, 23.7523

# Details

The Hex color **66760B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B0B76**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9CAA44**, and **334600** is the 20% darker color. If you saturate the color by 10%, you get **647600**, and if you desaturate by 10%, it is **687617**.

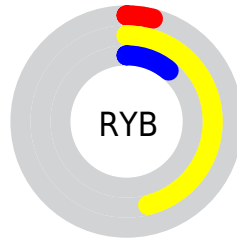
# Distribution



Red (40%)

Green (46%)

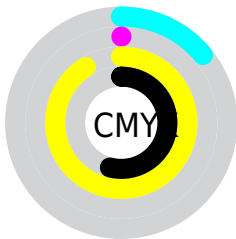
Blue (4%)



Red (4%)

Yellow (46%)

Blue (11%)

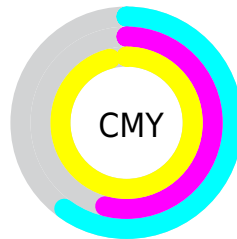


Cyan (14%)

Magenta (0%)

Yellow (91%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66760B 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 66760B by changing the saturation by 10% instead.





66760B



66760B

FFFFFF



4C5D00



9CAA44



334600



B8C55E



192F00



D4E178



001C00



F2FE93



000000



FFFFAF



FFFFCB



FFF7E7



66760B



66760B

■ 647600

■ 687617

■ 6A7623

■ 6B762E

■ 6D763A

■ 6F7646

■ 717652

■ 72765E

■ 747669

■ 767675

# Harmonies

## Analogous

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



8F6805



66760B



2A7F33

# Triad

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



66760B



0080B4



B8447E

# Complementary

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



66760B



1B0B76

# 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.



9854A7



66760B



0078C7

# Square

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



66760B



00848E



5568C2



BE4551

# Rectangle

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



66760B



008250



5568C2



B1488C



# Sweetspot

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



66760B



939970



76190B



494D34



CCCCCC



4D4D4D



# Same Dimension

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



66760B



829900



32760B



3A3B35



687A00



D5FA00



# Inverse Universe

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



1B0B76



170099



4F0B76



36353B



12007A



2500FA



# Previews

## White Background



This preview shows how the Hex color 66760B looks on a white background.

## Color Contrast Check

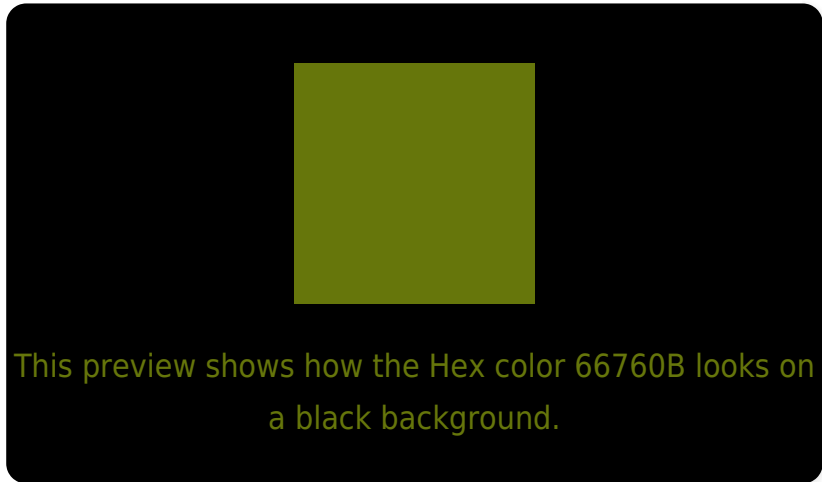
Large Text (above 18pt) WCAG AA ✓ Pass

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

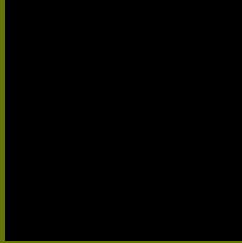
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66760B Background



This preview shows how black text looks on a background with the Hex color 66760B.



This preview shows how white text looks on a background with the Hex color 66760B.

# 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**  
66760B

**Protanopia**  
7D6F08

**Deuteranopia**  
8B6917



**Tritanopia**  
6F6E76

# Trichromacy



**Original Color**  
66760B

**Protanomaly**  
757209

**Deuteranomaly**  
7E6E13

**Tritanomaly**  
6C714F

# Monochromacy



**Original Color**  
66760B

**Achromatopsia**  
656565

**Achromatomaly**  
656B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66760B 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 #66760B looks like.

```
.text, #text, p{  
    color:#66760B  
}
```

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 #66760B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66760B
}
```

## Border

The CSS property to change the border of an element to Hex 66760B 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
#66760B }
```

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

```
.border{ border-color:#66760B }
```

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

Here you see how a box with a 4 pixel #66760B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66760B; -webkit-box-shadow:4px 4px  
4px 4px #66760B; box-shadow:4px 4px 4px  
4px #66760B }
```

# Background

The CSS property to change the background color of an element to Hex 66760B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66760B }
```

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

```
.background{ background-color:#66760B }
```

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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