

# Converting Colors

Hex(676C06)

Have a look what the booklet for  
Hex(676C06) contains.

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**Color**

**Hex(676C06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676C06
RGB	103, 108, 6
RGB Percent	40%, 42%, 2%
CMY	0.5961, 0.5765, 0.9765
CMYK	0.05, 0.00, 0.94, 0.58
HSL	63°, 89%, 22%
HSV	63°, 94%, 42%
XYZ	10.9890, 13.6218, 2.2224
YIQ	94.8770, 29.7620, -32.7820

# Conversions

## Conversions Part 2

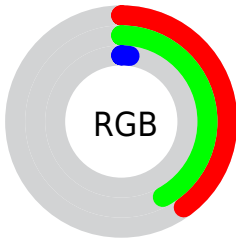
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 108, 11
Decimal	6777862
CIELab	43.69, -13.69, 48.25
CIELCh	44, 50.152, 105.835
Yxy	13.6218, 0.4095, 0.5076
Android (android.graphics.Color)	4284967942 (0xFF676C06)
YUV	94.8770, -43.8164, 7.1239
Hunter-Lab	36.9078, -11.4419, 22.2653

# Details

The Hex color **676C06** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B066C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9D9F40**, and **343D00** is the 20% darker color. If you saturate the color by 10%, you get **676C00**, and if you desaturate by 10%, it is **686C11**.

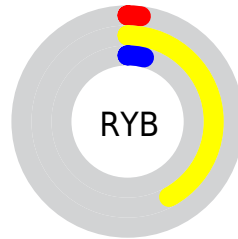
# Distribution



Red (40%)

Green (42%)

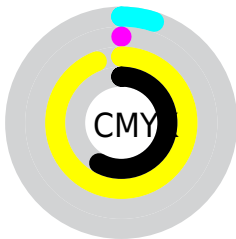
Blue (2%)



Red (2%)

Yellow (42%)

Blue (4%)

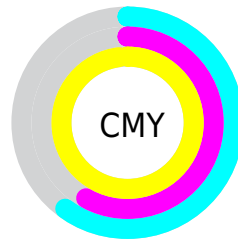


Cyan (5%)

Magenta (0%)

Yellow (94%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676C06 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 676C06 by changing the saturation by 10% instead.





676C06



676C06

FFFFFF



4D5400



9D9F40



343D00



B9BA59



1B2700



D6D673



001400



F3F28E



000000



FFFA9



FFFC5



FFFE2



676C06



676C06

■ 676C00

■ 686C11

■ 686C1C

■ 696C26

■ 696C31

■ 6A6C3C

■ 6A6C47

■ 6B6C52

■ 6B6C5C

■ 6C6C67

# Harmonies

## Analogous

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



8C5E0C



676C06



367529

# Triad

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



676C06



0079A2



A8417D

# Complementary

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



676C06



0B066C

# 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.



8552A2



676C06



0072B8

# Square

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



676C06



007B7D



3D64B8



B23F53

# Rectangle

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



676C06



007843



3D64B8



9F468A



# Sweetspot

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



676C06



8A8C65



6C0906



46472F



C7C7C7



474747



# Same Dimension

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



676C06



858C00



366C06



353630



707500



E9F500



# Inverse Universe

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



0B066C



07008C



3C066C



303036



060075



0C00F5



# Previews

## White Background



This preview shows how the Hex color 676C06 looks on a white background.

## Color Contrast Check

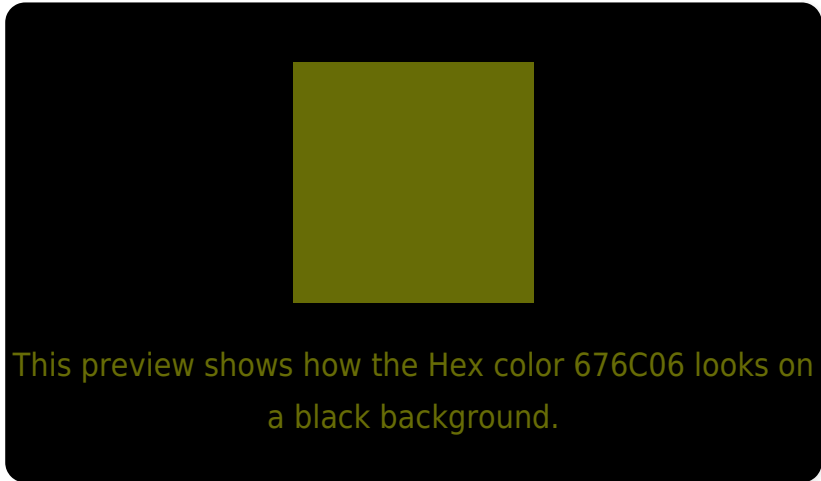
Large Text (above 18pt) WCAG AA ✓ Pass

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

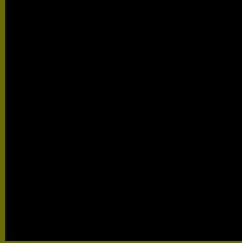
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676C06 Background



This preview shows how black text looks on a background with the Hex color 676C06.



This preview shows how white text looks on a background with the Hex color 676C06.

# 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](#).

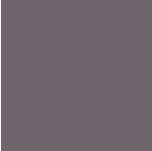
## Dichromacy



**Original Color**  
676C06

**Protanopia**  
756800

**Deuteranopia**  
826212



**Tritanopia**  
6E646C

# Trichromacy



**Original Color**  
676C06

**Protanomaly**  
706902

**Deuteranomaly**  
78660E

**Tritanomaly**  
6B6747

# Monochromacy



**Original Color**  
676C06

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
62643F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676C06 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 #676C06 looks like.

```
.text, #text, p{  
    color:#676C06  
}
```

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 #676C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C06
}
```

## Border

The CSS property to change the border of an element to Hex 676C06 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
#676C06 }
```

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

```
.border{ border-color:#676C06 }
```

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

Here you see how a box with a 4 pixel #676C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C06; -webkit-box-shadow:4px 4px  
4px 4px #676C06; box-shadow:4px 4px 4px  
4px #676C06 }
```

# Background

The CSS property to change the background color of an element to Hex 676C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C06 }
```

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

```
.background{ background-color:#676C06 }
```

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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