

# Converting Colors

Hex(776107)

Have a look what the booklet for  
Hex(776107) contains.

<b>Hex(776107)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(776107)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776107
RGB	119, 97, 7
RGB Percent	47%, 38%, 3%
CMY	0.5333, 0.6196, 0.9725
CMYK	0.00, 0.18, 0.94, 0.53
HSL	48°, 89%, 25%
HSV	48°, 94%, 47%
XYZ	11.9208, 12.4867, 1.9829
YIQ	93.3180, 42.0020, -23.3260

# Conversions

## Conversions Part 2

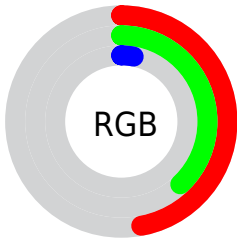
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 119, 7
Decimal	7823623
CIE <sub>Lab</sub>	41.98, 0.37, 47.35
CIE <sub>LCh</sub>	42, 47.347, 89.554
Yxy	12.4867, 0.4517, 0.4732
Android (android.graphics.Color)	4286013703 (0xFF776107)
YUV	93.3180, -42.5548, 22.5231
Hunter-Lab	35.3365, -1.6217, 21.4085

# Details

The Hex color **776107** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **071D77**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AF933F**, and **423300** is the 20% darker color. If you saturate the color by 10%, you get **776000**, and if you desaturate by 10%, it is **776313**.

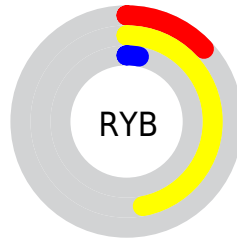
# Distribution



Red (47%)

Green (38%)

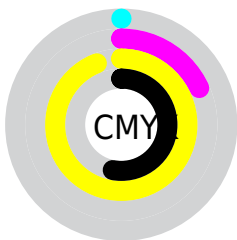
Blue (3%)



Red (13%)

Yellow (47%)

Blue (3%)

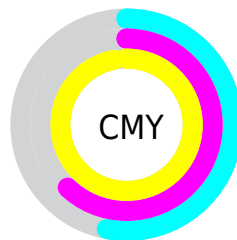


Cyan (0%)

Magenta (18%)

Yellow (94%)

Black (53%)



Cyan (53%)

Magenta (62%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776107 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 776107 by changing the saturation by 10% instead.



 776107

 776107

FFFFFFC

 5C4900

 AF933F

 423300

 CBAE58

 291E00

 E9C972

 0C0700

 FFE58C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 776107

 776107

■ 776000

■ 776313

■ 77661F

■ 77682B

■ 776A37

■ 776D42

■ 776F4E

■ 77715A

■ 777466

■ 777672

# Harmonies

## Analogous

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



95521E



776107



506C17

# Triad

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



776107



007588



91488B

# Complementary

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



776107



071D77

# 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.



6159A7



776107



0071A6

# Square

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



776107



007561



0068B1



A73D65

# Rectangle

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



776107



2D712D



0068B1



854D96



# Sweetspot

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



776107



9C9370



77071D



4F4A34



CFCFCF



4F4F4F



# Same Dimension

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



776107



9C7D00



557707



3B3935



7A6200



FAC900



# Inverse Universe

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



071D77



001F9C



290777



35363B



00187A

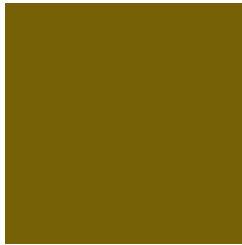


0031FA



# Previews

## White Background



This preview shows how the Hex color 776107 looks on a white background.

## Color Contrast Check

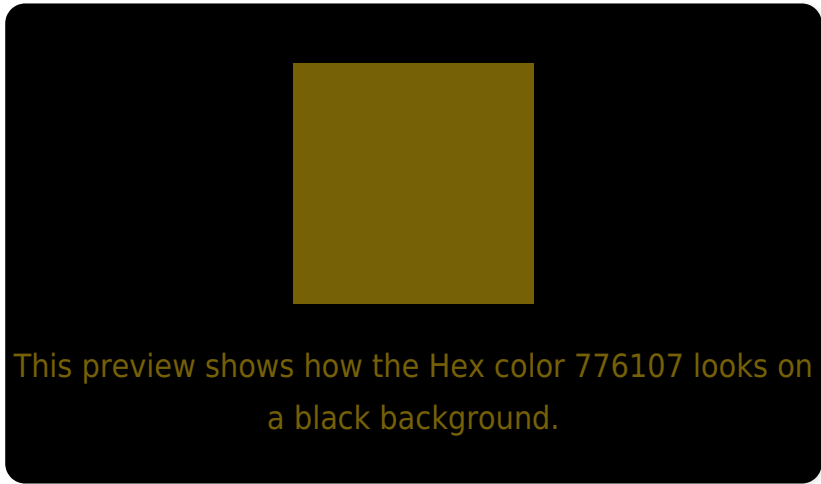
Large Text (above 18pt) WCAG AA ✓ Pass

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 776107 Background



This preview shows how black text looks on a background with the Hex color 776107.



This preview shows how white text looks on a background with the Hex color 776107.

# 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**  
776107

**Protanopia**  
706408

**Deuteranopia**  
7E5E0B



**Tritanopia**  
7C5A61

# Trichromacy



**Original Color**  
776107

**Protanomaly**  
736308

**Deuteranomaly**  
7B5F0A

**Tritanomaly**  
7A5D40

# Monochromacy



**Original Color**  
776107

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
665E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776107 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 #776107 looks like.

```
.text, #text, p{  
    color:#776107  
}
```

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 #776107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776107
}
```

## Border

The CSS property to change the border of an element to Hex 776107 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
#776107 }
```

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

```
.border{ border-color:#776107 }
```

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

Here you see how a box with a 4 pixel #776107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776107; -webkit-box-shadow:4px 4px  
4px 4px #776107; box-shadow:4px 4px 4px  
4px #776107 }
```

# Background

The CSS property to change the background color of an element to Hex 776107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776107 }
```

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

```
.background{ background-color:#776107 }
```

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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