

# Converting Colors

Hex(576F0F)

Have a look what the booklet for  
Hex(576F0F) contains.

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# Color

Hex(576F0F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576F0F
RGB	87, 111, 15
RGB Percent	34%, 44%, 6%
CMY	0.6588, 0.5647, 0.9412
CMYK	0.22, 0.00, 0.86, 0.56
HSL	75°, 76%, 25%
HSV	75°, 86%, 44%
XYZ	9.7011, 13.4296, 2.5328
YIQ	92.8800, 16.5120, -34.9440

# Conversions

## Conversions Part 2

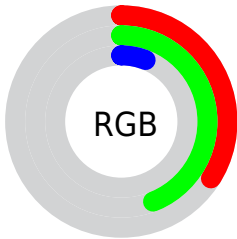
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 111, 39
Decimal	5730063
CIE <sub>Lab</sub>	43.40, -22.38, 45.33
CIE <sub>LCh</sub>	43, 50.553, 116.280
Yxy	13.4296, 0.3780, 0.5233
Android (android.graphics.Color)	4283920143 (0xFF576F0F)
<b>YUV</b>	92.8800, -38.3948, -5.1568
Hunter-Lab	36.6464, -16.8782, 21.5547

# Details

The Hex color **576F0F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **270F6F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8CA345**, and **253F00** is the 20% darker color. If you saturate the color by 10%, you get **546F04**, and if you desaturate by 10%, it is **5A6F1A**.

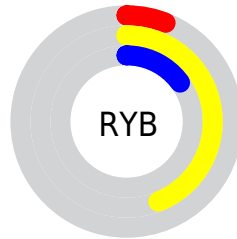
# Distribution



Red (34%)

Green (44%)

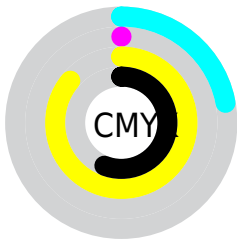
Blue (6%)



Red (6%)

Yellow (44%)

Blue (15%)

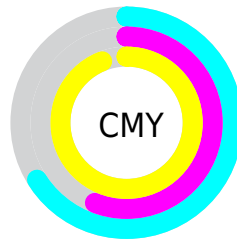


Cyan (22%)

Magenta (0%)

Yellow (86%)

Black (56%)



Cyan (66%)

Magenta (56%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576F0F 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 576F0F by changing the saturation by 10% instead.





576F0F



576F0F

FFFFFF



3E5700



8CA345



253F00



A7BE5E



0A2900



C3DA78



001400



E0F693



000000



FDFFAE



FFFCA



FFFEE6



576F0F



576F0F

■ 546F04

■ 5A6F1A

■ 536F00

■ 5D6F25

■ 5F6F30

■ 626F3B

■ 656F46

■ 686F52

■ 6A6F5D

■ 6D6F68

■ 706F73

# Harmonies

## Analogous

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



7F6301



576F0F



147635

# Triad

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



576F0F



0076AC



AE3D6E

# Complementary

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



576F0F



270F6F

# 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.



944A96



576F0F



006DBA

# Square

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



576F0F



007A8B



5C5EB2



B04144

# Rectangle

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



576F0F



007951



5C5EB2



A8407C



# Sweetspot

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



576F0F



88916C



6F270F



444A33



C9C9C9



4A4A4A



# Same Dimension

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



576F0F



6D9100



276F0F



373832



5A7800



BAF700



# Inverse Universe

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



270F6F



240091



570F6F



343238



1E0078



3E00F7



# Previews

## White Background



This preview shows how the Hex color 576F0F looks on a white background.

## Color Contrast Check

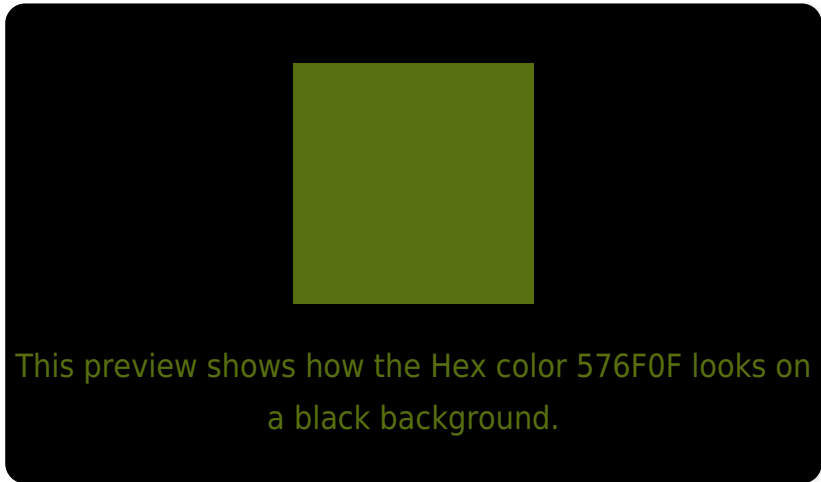
Large Text (above 18pt) WCAG AA ✓ Pass

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

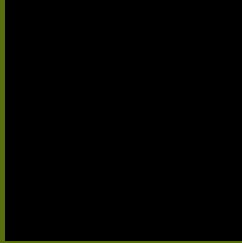
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 576F0F Background



This preview shows how black text looks on a background with the Hex color 576F0F.



This preview shows how white text looks on a background with the Hex color 576F0F.

# 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](#).

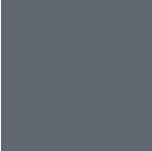
## Dichromacy



**Original Color**  
576F0F

**Protanopia**  
73670C

**Deuteranopia**  
816118



**Tritanopia**  
60676F

# Trichromacy



**Original Color**  
576F0F

**Protanomaly**  
696A0D

**Deuteranomaly**  
726615

**Tritanomaly**  
5D6A4C

# Monochromacy



**Original Color**  
576F0F

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5B6441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576F0F 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 #576F0F looks like.

```
.text, #text, p{  
    color:#576F0F  
}
```

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 #576F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576F0F
}
```

## Border

The CSS property to change the border of an element to Hex 576F0F 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
#576F0F }
```

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

```
.border{ border-color:#576F0F }
```

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

Here you see how a box with a 4 pixel #576F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576F0F; -webkit-box-shadow:4px 4px  
4px 4px #576F0F; box-shadow:4px 4px 4px  
4px #576F0F }
```

# Background

The CSS property to change the background color of an element to Hex 576F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576F0F }
```

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

```
.background{ background-color:#576F0F }
```

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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