

Converting Colors

Hex(676F07)

Have a look what the booklet for
Hex(676F07) contains.

Hex(676F07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(676F07)

Conversions

Conversions Part 1

Format	Color
Hex	676F07
RGB	103, 111, 7
RGB Percent	40%, 44%, 3%
CMY	0.5961, 0.5647, 0.9725
CMYK	0.07, 0.00, 0.94, 0.56
HSL	65°, 88%, 23%
HSV	65°, 94%, 44%
XYZ	11.3163, 14.2678, 2.3585
YIQ	96.7520, 28.6160, -34.0400

Conversions

Conversions Part 2

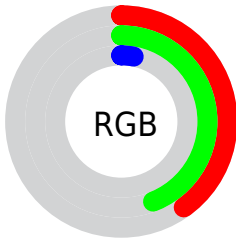
Format	Color
RYB	7, 111, 15
Decimal	6778631
CIELab	44.61, -15.29, 48.76
CIElCh	45, 51.099, 107.416
Yxy	14.2678, 0.4050, 0.5106
Android (android.graphics.Color)	4284968711 (0xFF676F07)
YUV	96.7520, -44.2477, 5.4795
Hunter-Lab	37.7727, -12.6255, 22.7388

Details

The Hex color **676F07** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F076F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9DA241**, and **343F00** is the 20% darker color. If you saturate the color by 10%, you get **666F00**, and if you desaturate by 10%, it is **686F12**.

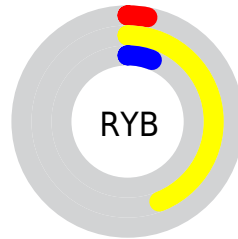
Distribution



Red (40%)

Green (44%)

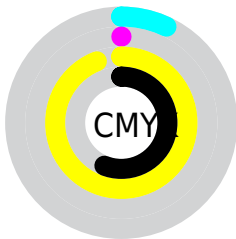
Blue (3%)



Red (3%)

Yellow (44%)

Blue (6%)

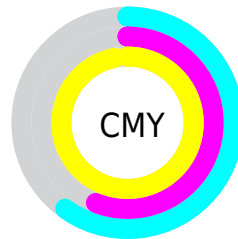


Cyan (7%)

Magenta (0%)

Yellow (94%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676F07 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 676F07 by changing the saturation by 10% instead.



676F07



676F07

FFFFFF



4D5700



9DA241



343F00



B9BD5B



1B2A00



D6D975



001700



F3F68F



000000



FFFFAB



FFFFC7



FFFFE3



676F07



676F07

■ 666F00

■ 686F12

■ 696F1D

■ 6A6F28

■ 6A6F33

■ 6B6F3F

■ 6C6F4A

■ 6D6F55

■ 6E6F60

■ 6F6F6B

Harmonies

Analogous

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



8D610A



676F07



33782C

Triad

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



676F07



007BA7



AD427D

Complementary

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



676F07



0F076F

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.



8A53A4



676F07



0074BD

Square

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



676F07



007D82



4466BB



B64153

Rectangle

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



676F07



007B47



4466BB



A5478B

Sweetspot

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



676F07



8E9169



6F0E07



484A31



C9C9C9



4A4A4A

Same Dimension

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



676F07



869100



346F07



383832



6F7800



E4F700

Inverse Universe

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



0F076F



0B0091



42076F



333238



090078



1300F7

Previews

White Background



This preview shows how the Hex color 676F07 looks on a white background.

Color Contrast Check

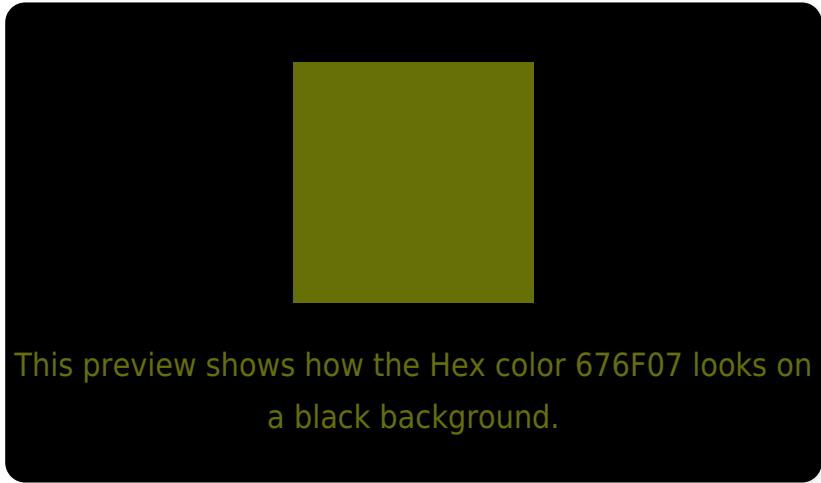
Large Text (above 18pt) WCAG AA ✓ Pass

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

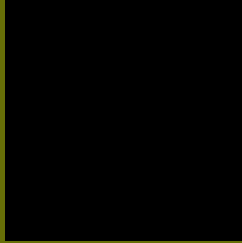
Any Text WCAG AA × Fail

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 676F07 Background



This preview shows how black text looks on a background with the Hex color 676F07.



This preview shows how white text looks on a background with the Hex color 676F07.

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
676F07

Protanopia
776A01

Deuteranopia
856413



Tritanopia
6F676F

Trichromacy



Original Color
676F07

Protanomaly
716C03

Deuteranomaly
7A680F

Tritanomaly
6C6A49

Monochromacy



Original Color
676F07

Achromatopsia
616161

Achromatomaly
636640

CSS Examples

Text

The CSS property to change the color of the text to Hex 676F07 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 #676F07 looks like.

```
.text, #text, p{  
    color:#676F07  
}
```

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 #676F07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676F07
}
```

Border

The CSS property to change the border of an element to Hex 676F07 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
#676F07 }
```

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

```
.border{ border-color:#676F07 }
```

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

Here you see how a box with a 4 pixel #676F07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676F07; -webkit-box-shadow:4px 4px  
4px 4px #676F07; box-shadow:4px 4px 4px  
4px #676F07 }
```

Background

The CSS property to change the background color of an element to Hex 676F07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676F07 }
```

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

```
.background{ background-color:#676F07 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor