

Converting Colors

Hex(676C00)

Have a look what the booklet for
Hex(676C00) contains.

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Color

Hex(676C00)

Conversions

Conversions Part 1

Format	Color
Hex	676C00
RGB	103, 108, 0
RGB Percent	40%, 42%, 0%
CMY	0.5961, 0.5765, 1.0000
CMYK	0.05, 0.00, 1.00, 0.58
HSL	63°, 100%, 21%
HSV	63°, 100%, 42%
XYZ	10.9561, 13.6087, 2.0493
YIQ	94.1930, 31.6880, -34.6480

Conversions

Conversions Part 2

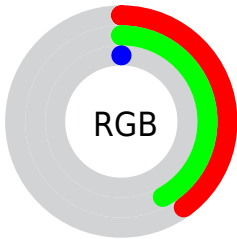
Format	Color
RYB	0, 108, 5
Decimal	6777856
CIELab	43.67, -13.85, 49.67
CIELCh	44, 51.567, 105.575
Yxy	13.6087, 0.4117, 0.5113
Android (android.graphics.Color)	4284967936 (0xFF676C00)
YUV	94.1930, -46.4371, 7.7237
Hunter-Lab	36.8900, -11.5441, 22.5293

Details

The Hex color **676C00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **05006C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9D9F3D**, 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 **686C0B**.

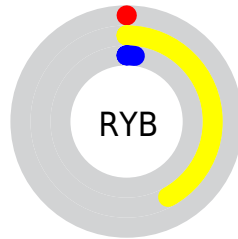
Distribution



Red (40%)

Green (42%)

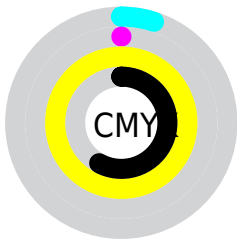
Blue (0%)



Red (0%)

Yellow (42%)

Blue (2%)

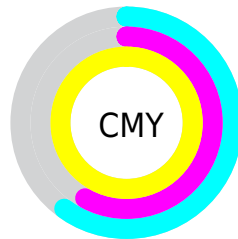


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676C00 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 676C00 by changing the saturation by 10% instead.

 676C00

 676C00

 FFFFFC

 4D5400

 9D9F3D

 343D00

 B9BA56

 1B2700

 D6D670

 001400

 F3F28B

 000000

 FFFFA6

 FFFFC2

 FFFFDF

 676C00

 686C0B

 686C16

 696C20

 696C2B

 6A6C36

 6A6C41

 6B6C4C

 6B6C56

 6C6C61

Harmonies

Analogous

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



8D5E06



676C00



347526

Triad

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



676C00



0079A4



AA407E

Complementary

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



676C00



05006C

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.



8551A4



676C00



0072BA

Square

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



676C00



007B7D



3964BA



B43D53

Rectangle

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



676C00



007942



3964BA



A1458B

Sweetspot

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



676C00



8A8C62



6C0400



46472E



C7C7C7



474747

Same Dimension

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



676C00



868C00



326C00



353630



707500



E9F500

Inverse Universe

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



05006C



06008C



3A006C



303036



050075



0B00F5

Previews

White Background



This preview shows how the Hex color 676C00 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 676C00 Background



This preview shows how black text looks on a background with the Hex color 676C00.



This preview shows how white text looks on a background with the Hex color 676C00.

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](#).

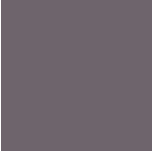
Dichromacy



Original Color
676C00

Protanopia
756800

Deuteranopia
826211



Tritanopia
6E646C

Trichromacy



Original Color
676C00

Protanomaly
706900

Deuteranomaly
78660B

Tritanomaly
6B6745

Monochromacy



Original Color
676C00

Achromatopsia
5E5E5E

Achromatomaly
61633C

CSS Examples

Text

The CSS property to change the color of the text to Hex 676C00 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 #676C00 looks like.

```
.text, #text, p{  
    color:#676C00  
}
```

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 #676C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C00  
}
```

Border

The CSS property to change the border of an element to Hex 676C00 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  
#676C00 }
```

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

```
.border{ border-color:#676C00 }
```

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

Here you see how a box with a 4 pixel #676C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C00; -webkit-box-shadow:4px 4px  
4px 4px #676C00; box-shadow:4px 4px 4px  
4px #676C00 }
```

Background

The CSS property to change the background color of an element to Hex 676C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C00 }
```

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

```
.background{ background-color:#676C00 }
```

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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