

Converting Colors

Hex(676B39)

Have a look what the booklet for
Hex(676B39) contains.

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Color

Hex(676B39)

Conversions

Conversions Part 1

Format	Color
Hex	676B39
RGB	103, 107, 57
RGB Percent	40%, 42%, 22%
CMY	0.5961, 0.5804, 0.7765
CMYK	0.04, 0.00, 0.47, 0.58
HSL	65°, 30%, 32%
HSV	65°, 47%, 42%
XYZ	11.5897, 13.6944, 5.9033
YIQ	100.1040, 13.6660, -16.3980

Conversions

Conversions Part 2

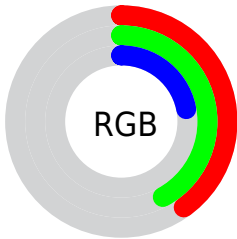
Format	Color
RYB	57, 107, 61
Decimal	6777657
CIELab	43.79, -9.78, 27.39
CIElCh	44, 29.086, 109.649
Yxy	13.6944, 0.3716, 0.4391
Android (android.graphics.Color)	4284967737 (0xFF676B39)
YUV	100.1040, -21.2503, 2.5398
Hunter-Lab	37.0059, -8.8566, 16.4460

Details

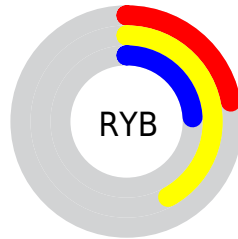
The Hex color **676B39** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D396B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9B9E69**, and **363C0C** is the 20% darker color. If you saturate the color by 10%, you get **666B2E**, and if you desaturate by 10%, it is **686B44**.

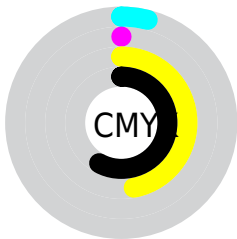
Distribution



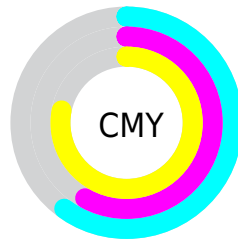
- Red (40%)
- Green (42%)
- Blue (22%)



- Red (22%)
- Yellow (42%)
- Blue (24%)



- Cyan (4%)
- Magenta (0%)
- Yellow (47%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676B39 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 676B39 by changing the saturation by 10% instead.



676B39



676B39

FFFFFF



4E5322



9B9E69



363C0C



B6B983



212600



D2D59D



001300



EFF1B8



000000



FFFFD4



FFFFFF0



676B39



676B39



666B2E



686B44

656B24

696B4E

646B19

6A6B59

646B0E

6A6B64

636B03

6B6B6E

626B00

6C6B79

6D6B84

6E6B8F

6F6B99

Harmonies

Analogous

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



7E6338



676B39



4B7147

Triad

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



676B39



00728C



915571

Complementary

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



676B39



3D396B

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.



7D5B87



676B39



316C97

Square

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



676B39



007477



5D6495



965559

Rectangle

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



676B39



367356



5D6495



8C5779

Sweetspot

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



676B39



8B8C79



6B3C39



46473B



C7C7C7



474747

Same Dimension

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



676B39



868C3E



4F6B39



353630



6C7500



E1F500

Inverse Universe

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



3D396B



443E8C



55396B



313036



090075



1400F5

Previews

White Background



This preview shows how the Hex color 676B39 looks on a white background.

Color Contrast Check

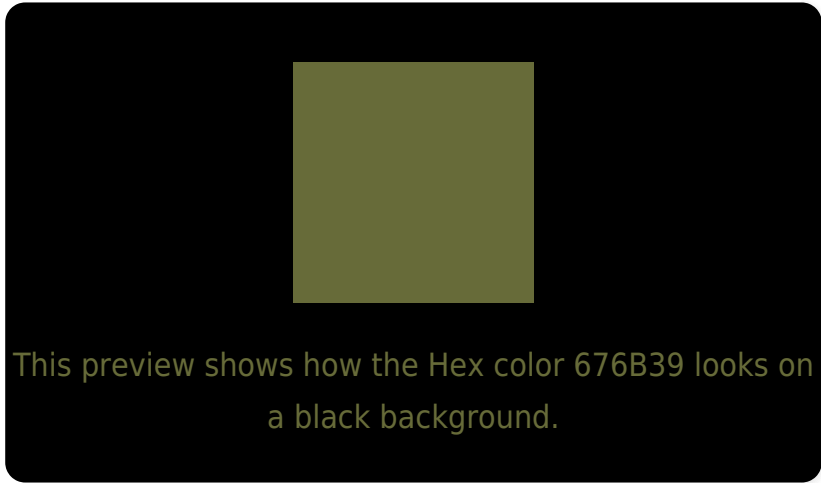
Large Text (above 18pt) WCAG AA ✓ Pass

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

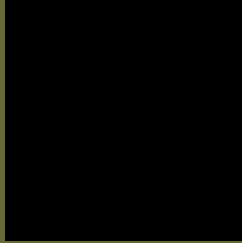
Any Text WCAG AA × Fail

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 676B39 Background



This preview shows how black text looks on a background with the Hex color 676B39.



This preview shows how white text looks on a background with the Hex color 676B39.

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](#).

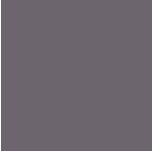
Dichromacy



Original Color
676B39

Protanopia
726838

Deuteranopia
7E633B



Tritanopia
6D656D

Trichromacy



Original Color
676B39

Protanomaly
6E6938

Deuteranomaly
76663A

Tritanomaly
6B675A

Monochromacy



Original Color
676B39

Achromatopsia
646464

Achromatomaly
656754

CSS Examples

Text

The CSS property to change the color of the text to Hex 676B39 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 #676B39 looks like.

```
.text, #text, p{  
    color:#676B39  
}
```

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 #676B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676B39
}
```

Border

The CSS property to change the border of an element to Hex 676B39 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
#676B39 }
```

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

```
.border{ border-color:#676B39 }
```

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

Here you see how a box with a 4 pixel #676B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676B39; -webkit-box-shadow:4px 4px  
4px 4px #676B39; box-shadow:4px 4px 4px  
4px #676B39 }
```

Background

The CSS property to change the background color of an element to Hex 676B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676B39 }
```

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

```
.background{ background-color:#676B39 }
```

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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