

# Converting Colors

Hex(676C5C)

Have a look what the booklet for  
Hex(676C5C) contains.

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# Color

Hex(676C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	676C5C
RGB	103, 108, 92
RGB Percent	40%, 42%, 36%
CMY	0.5961, 0.5765, 0.6392
CMYK	0.05, 0.00, 0.15, 0.58
HSL	79°, 8%, 39%
HSV	79°, 15%, 42%
XYZ	12.8878, 14.3814, 12.2218
YIQ	104.6810, 2.1560, -6.0360

# Conversions

## Conversions Part 2

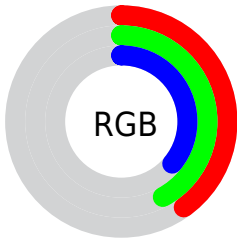
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 108, 97
Decimal	6777948
CIE Lab	44.78, -5.09, 8.31
CIE LCh	45, 9.743, 121.489
Yxy	14.3814, 0.3263, 0.3642
Android (android.graphics.Color)	4284968028 (0xFF676C5C)
YUV	104.6810, -6.2517, -1.4742
Hunter-Lab	37.9228, -5.7027, 7.4379

# Details

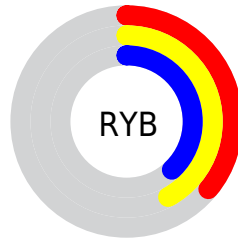
The Hex color **676C5C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **615C6C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9A9F8E**, and **383D2E** is the 20% darker color. If you saturate the color by 10%, you get **646C51**, and if you desaturate by 10%, it is **6A6C67**.

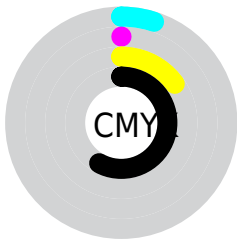
# Distribution



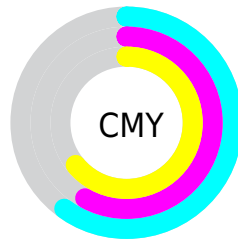
- Red (40%)
- Green (42%)
- Blue (36%)



- Red (36%)
- Yellow (42%)
- Blue (38%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676C5C 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 676C5C by changing the saturation by 10% instead.





676C5C



676C5C

FFFFFF



4F5444



9A9F8E



383D2E



B5BAA9



222719



D1D6C4



0D1200



EDF2E0



000000

FFFFFF



676C5C



676C5C



646C51



6A6C67



606C46



6E6C72

■ 5D6C3C

■ 716C7C

■ 5A6C31

■ 756C87

■ 566C26

■ 786C92

■ 536C1B

■ 7B6C9D

■ 4F6C10

■ 7F6CA8

■ 4C6C06

■ 826CB2

■ 4A6C00

■ 856CBD

# Harmonies

## Analogous

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



70695A



676C5C



5E6E62

# Triad

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



676C5C



596D78



7A646A

# Complementary

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



676C5C



615C6C

# 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.



756572



676C5C



626A7A

# Square

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



676C5C



556E72



6C6878



7B6562

# Rectangle

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



676C5C



596F67



6C6878



79656D



# Sweetspot

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



676C5C



8A8C87



6C615C



464744



C7C7C7



474747



# Same Dimension

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



676C5C



848C73



5F6C5C



343630



517500



A8F500



# Inverse Universe

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



615C6C



7B738C



695C6C



323036



250075



4D00F5



# Previews

## White Background



This preview shows how the Hex color 676C5C looks on a white background.

## Color Contrast Check

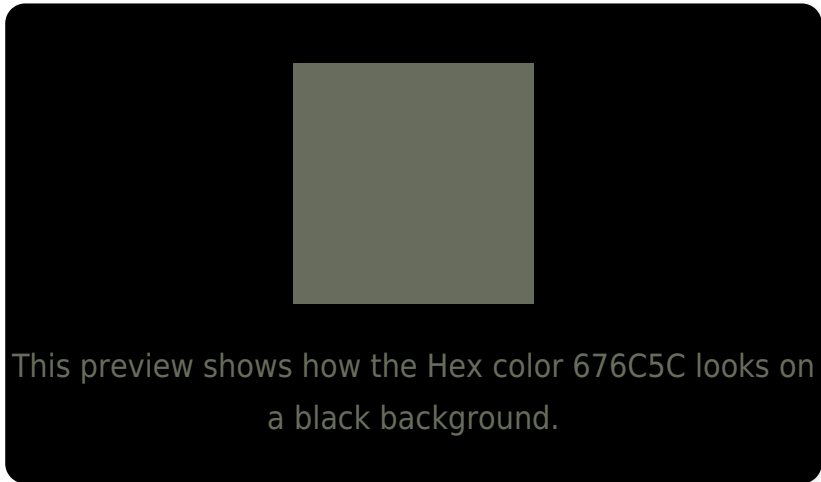
Large Text (above 18pt) WCAG AA ✓ Pass

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

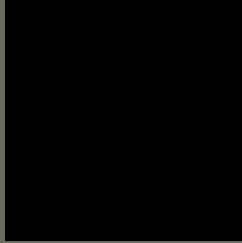
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

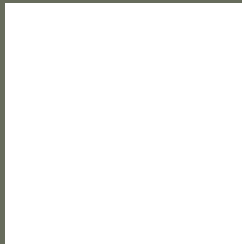
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 676C5C Background



This preview shows how black text looks on a background with the Hex color 676C5C.



This preview shows how white text looks on a background with the Hex color 676C5C.

# 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**  
676C5C

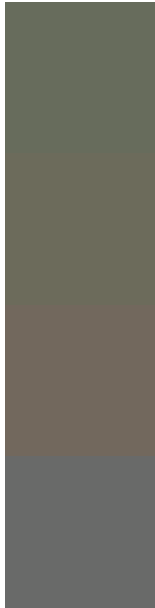
**Protanopia**  
6F6A5B

**Deuteranopia**  
79665D



**Tritanopia**  
6A6971

# Trichromacy



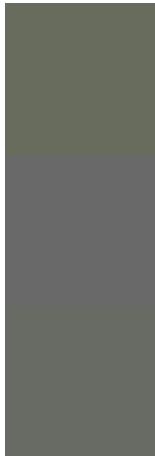
**Original Color**  
676C5C

**Protanomaly**  
6C6B5B

**Deuteranomaly**  
72685D

**Tritanomaly**  
696A69

# Monochromacy



**Original Color**  
676C5C

**Achromatopsia**  
696969

**Achromatomaly**  
686A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676C5C 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 #676C5C looks like.

```
.text, #text, p{  
    color:#676C5C  
}
```

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 #676C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C5C
}
```

## Border

The CSS property to change the border of an element to Hex 676C5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

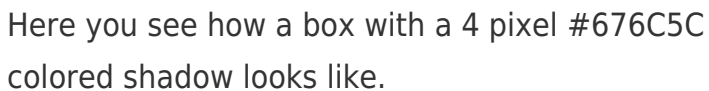
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676C5C }
```

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

```
.border{ border-color:#676C5C }
```

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



Here you see how a box with a 4 pixel #676C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C5C; -webkit-box-shadow:4px 4px  
4px 4px #676C5C; box-shadow:4px 4px 4px  
4px #676C5C }
```

# Background

The CSS property to change the background color of an element to Hex 676C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C5C }
```

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

```
.background{ background-color:#676C5C }
```

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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