

Converting Colors

Hex(676C55)

Have a look what the booklet for
Hex(676C55) contains.

Hex(676C55)	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(676C55)

Conversions

Conversions Part 1

Format	Color
Hex	676C55
RGB	103, 108, 85
RGB Percent	40%, 42%, 33%
CMY	0.5961, 0.5765, 0.6667
CMYK	0.05, 0.00, 0.21, 0.58
HSL	73°, 12%, 38%
HSV	73°, 21%, 42%
XYZ	12.5958, 14.2646, 10.6838
YIQ	103.8830, 4.4030, -8.2130

Conversions

Conversions Part 2

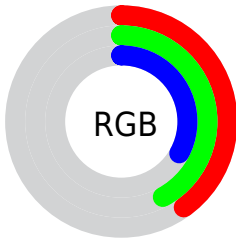
Format	Color
RYB	85, 108, 90
Decimal	6777941
CIELab	44.61, -6.33, 12.25
CIELCh	45, 13.793, 117.332
Yxy	14.2646, 0.3355, 0.3799
Android (android.graphics.Color)	4284968021 (0xFF676C55)
YUV	103.8830, -9.3093, -0.7744
Hunter-Lab	37.7685, -6.5651, 9.6662

Details

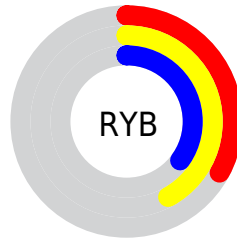
The Hex color **676C55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A556C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9A9F87**, and **383D28** is the 20% darker color. If you saturate the color by 10%, you get **656C4A**, and if you desaturate by 10%, it is **696C60**.

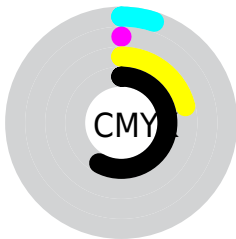
Distribution



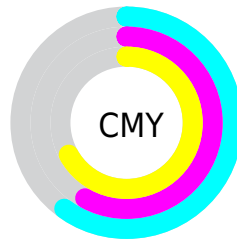
- Red (40%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (35%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676C55 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 676C55 by changing the saturation by 10% instead.



676C55



676C55

FFFFFF



4F543E



9A9F87



383D28



B5BAA1



222713



D1D6BC



091300



EDF2D8



000000



FFFFFF4



676C55



676C55



656C4A



696C60



626C3F



6C6C6B

■ 606C35

■ 6E6C75

■ 5E6C2A

■ 706C80

■ 5B6C1F

■ 736C8B

■ 596C14

■ 756C96

■ 576C09

■ 776CA1

■ 556C00

■ 7A6CAB

■ 7C6CB6

Harmonies

Analogous

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



736853



676C55



5A6F5D

Triad

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



676C55



4F6E7C



80626B

Complementary

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



676C55



5A556C

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.



776376



676C55



5B6B80

Square

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



676C55



4A7074



6A677E



81625F

Rectangle

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



676C55



527064



6A677E



7E626F

Sweetspot

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



676C55



8A8C84



6C5A55



464742



C7C7C7



474747

Same Dimension

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



676C55



848C68



5C6C55



343630



5C7500



C0F500

Inverse Universe

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



5A556C



70688C



65556C



313036



1A0075



3500F5

Previews

White Background



This preview shows how the Hex color 676C55 looks on a white background.

Color Contrast Check

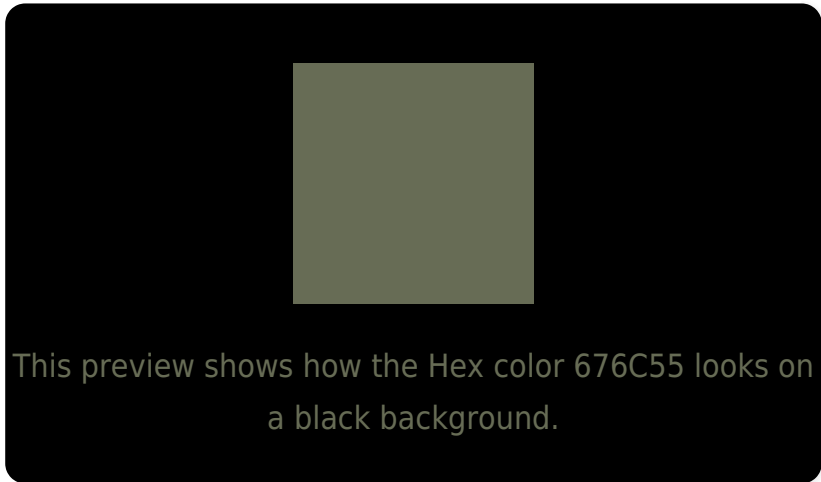
Large Text (above 18pt) WCAG AA ✓ Pass

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

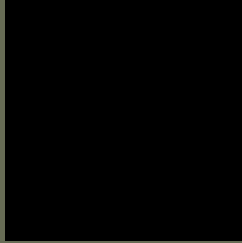
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

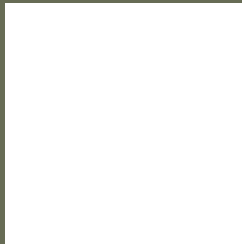
Any Text WCAG AAA × Fail

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

Hex 676C55 Background



This preview shows how black text looks on a background with the Hex color 676C55.



This preview shows how white text looks on a background with the Hex color 676C55.

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
676C55

Protanopia
706954

Deuteranopia
7A6556



Tritanopia
6B6870

Trichromacy



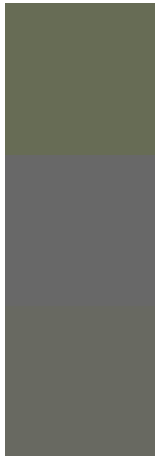
Original Color
676C55

Protanomaly
6D6A54

Deuteranomaly
736856

Tritanomaly
6A6966

Monochromacy



Original Color
676C55

Achromatopsia
686868

Achromatomaly
686961

CSS Examples

Text

The CSS property to change the color of the text to Hex 676C55 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 #676C55 looks like.

```
.text, #text, p{  
    color:#676C55  
}
```

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 #676C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C55
}
```

Border

The CSS property to change the border of an element to Hex 676C55 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
#676C55 }
```

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

```
.border{ border-color:#676C55 }
```

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

Here you see how a box with a 4 pixel #676C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C55; -webkit-box-shadow:4px 4px  
4px 4px #676C55; box-shadow:4px 4px 4px  
4px #676C55 }
```

Background

The CSS property to change the background color of an element to Hex 676C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C55 }
```

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

```
.background{ background-color:#676C55 }
```

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