

Converting Colors

Hex(676E67)

Have a look what the booklet for
Hex(676E67) contains.

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Color

Hex(676E67)

Conversions

Conversions Part 1

Format	Color
Hex	676E67
RGB	103, 110, 103
RGB Percent	40%, 43%, 40%
CMY	0.5961, 0.5686, 0.5961
CMYK	0.06, 0.00, 0.06, 0.57
HSL	120°, 3%, 42%
HSV	120°, 6%, 43%
XYZ	13.6176, 15.0147, 15.0124
YIQ	107.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

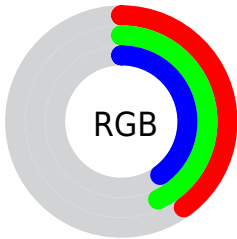
Format	Color
R_{YB}	103, 110, 110
Decimal	6778471
CIE Lab	45.65, -4.12, 2.98
CIE LCh	46, 5.083, 144.131
Yxy	15.0147, 0.3120, 0.3440
Android (android.graphics.Color)	4284968551 (0xFF676E67)
YUV	107.1090, -2.0257, -3.6036
Hunter-Lab	38.7488, -5.0795, 4.1536

Details

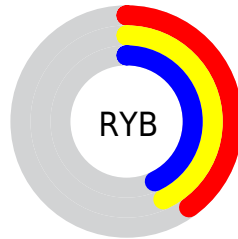
The Hex color **676E67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E676E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9AA29A**, and **383E38** is the 20% darker color. If you saturate the color by 10%, you get **5C6E5C**, and if you desaturate by 10%, it is **726E72**.

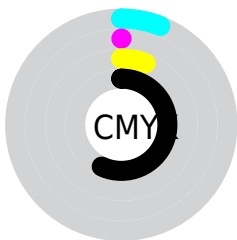
Distribution



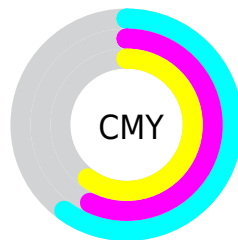
- Red (40%)
- Green (43%)
- Blue (40%)



- Red (40%)
- Yellow (43%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676E67 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 676E67 by changing the saturation by 10% instead.



676E67



676E67

FFFFFF



4F564F



9AA29A



383E38



B5BDB5



232923



D0D8D0



0D140D



EDF5ED



000000



676E67



676E67



5C6E5C



726E72



516E51



7D6E7D



466E46



886E88

■ 3B6E3B

■ 936E93

■ 306E30

■ 9E6E9E

■ 256E25

■ A96EA9

■ 1A6E1A

■ B46EB4

■ 0F6E0F

■ BF6EBF

■ 046E04

■ CA6ECA

Harmonies

Analogous

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



6C6D64



676E67



636F6B

Triad

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



676E67



676D74



756969

Complementary

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



676E67



6E676E

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.



74696D



676E67



6C6B74

Square

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



676E67



636E73



716A71



746A65

Rectangle

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



676E67



626F6E



716A71



75696A

Sweetspot

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



676E67



8C8F8C



6E6E67



464746



C7C7C7



474747

Same Dimension

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



676E67



838F83



676E6B



323832



007800



00F700

Inverse Universe

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



6E676E



8F838F



6E676B



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 676E67 looks on a white background.

Color Contrast Check

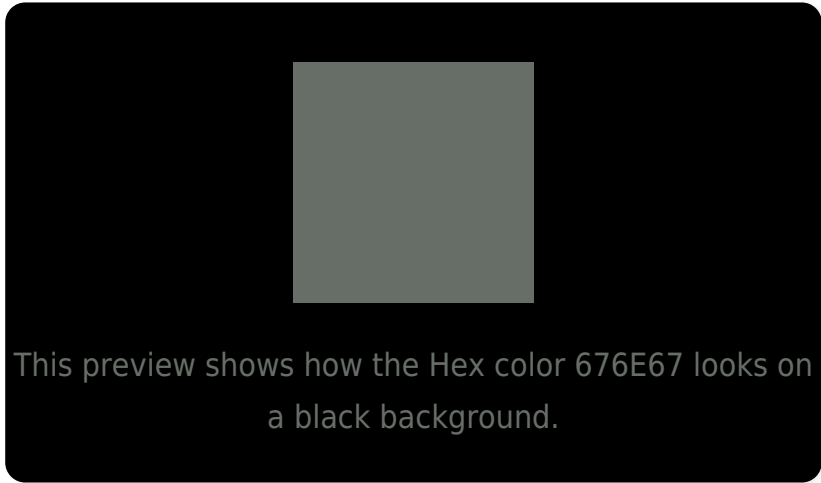
Large Text (above 18pt) WCAG AA ✓ Pass

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

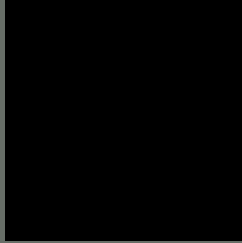
Any Text WCAG AA × Fail

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 676E67 Background



This preview shows how black text looks on a background with the Hex color 676E67.

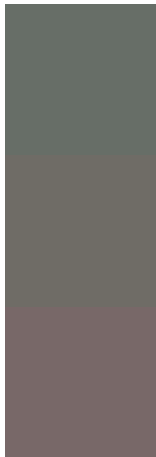


This preview shows how white text looks on a background with the Hex color 676E67.

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
676E67

Protanopia
6F6C66

Deuteranopia
786868



Tritanopia
696C75

Trichromacy



Original Color

676E67

Protanomaly

6C6D66

Deuteranomaly

726A68

Tritanomaly

686D70

Monochromacy



Original Color

676E67

Achromatopsia

6B6B6B

Achromatomaly

6A6C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 676E67 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 #676E67 looks like.

```
.text, #text, p{  
    color:#676E67  
}
```

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 #676E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676E67  
}
```

Border

The CSS property to change the border of an element to Hex 676E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

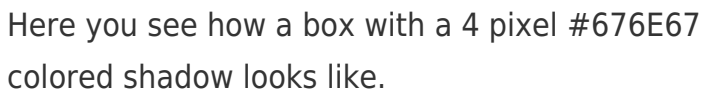
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#676E67 }
```

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

```
.border{ border-color:#676E67 }
```

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



Here you see how a box with a 4 pixel #676E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676E67; -webkit-box-shadow:4px 4px  
4px 4px #676E67; box-shadow:4px 4px 4px  
4px #676E67 }
```

Background

The CSS property to change the background color of an element to Hex 676E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676E67 }
```

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

```
.background{ background-color:#676E67 }
```

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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