

Converting Colors

Hex(676D6C)

Have a look what the booklet for
Hex(676D6C) contains.

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Color

Hex(676D6C)

Conversions

Conversions Part 1

Format	Color
Hex	676D6C
RGB	103, 109, 108
RGB Percent	40%, 43%, 42%
CMY	0.5961, 0.5725, 0.5765
CMYK	0.06, 0.00, 0.01, 0.57
HSL	170°, 3%, 42%
HSV	170°, 6%, 43%
XYZ	13.7689, 14.9036, 16.3383
YIQ	107.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

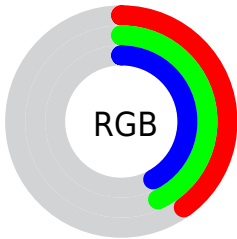
Format	Color
RYB	103, 106, 109
Decimal	6778220
CIELab	45.50, -2.50, -0.24
CIELCh	46, 2.508, 185.514
Yxy	14.9036, 0.3059, 0.3311
Android (android.graphics.Color)	4284968300 (0xFF676D6C)
YUV	107.0920, 0.4476, -3.5887
Hunter-Lab	38.6051, -3.8950, 1.9311

Details

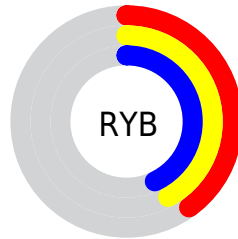
The Hex color **676D6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D6768**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9AA09F**, and **383E3D** is the 20% darker color. If you saturate the color by 10%, you get **5C6D6A**, and if you desaturate by 10%, it is **726D6E**.

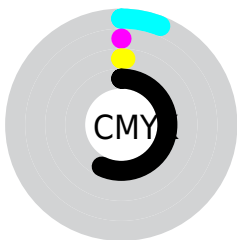
Distribution



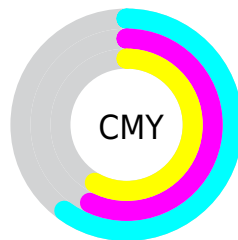
- Red (40%)
- Green (43%)
- Blue (42%)



- Red (40%)
- Yellow (42%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676D6C 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 676D6C by changing the saturation by 10% instead.

676D6C

676D6C

FFFFFF

4F5554

9AA09F

383E3D

B5BBBA

232827

D0D7D6

0D1312

EDF4F2

000000

676D6C

676D6C

5C6D6A

726D6E

516D68

7D6D70

466D67

886D71

■ 3B6D65

■ 936D73

■ 316D63

■ 9E6D75

■ 266D61

■ A86D77

■ 1B6D5F

■ B36D79

■ 106D5D

■ BE6D7B

■ 056D5C

■ C96D7C

Harmonies

Analogous

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



686D6A



676D6C



676D6E

Triad

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



676D6C



6D6B6F



6F6B68

Complementary

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



676D6C



6D6768

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.



706B69



676D6C



6F6B6D

Square

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



676D6C



6A6C70



706A6B



6D6C68

Rectangle

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



676D6C



676D6F



706A6B



706B68

Sweetspot

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



676D6C



8C8F8E



686D67



464747



C7C7C7



474747

Same Dimension

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



676D6C



858F8D



676B6D



313635



007562



00F5CC

Inverse Universe

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



6D6768



8F8586



6D6967



363132



750014



F50029

Previews

White Background



This preview shows how the Hex color 676D6C looks on a white background.

Color Contrast Check

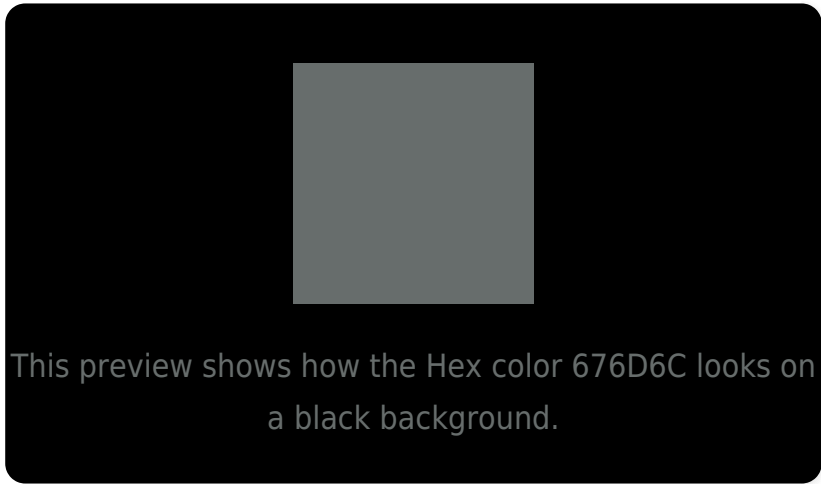
Large Text (above 18pt) WCAG AA ✓ Pass

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

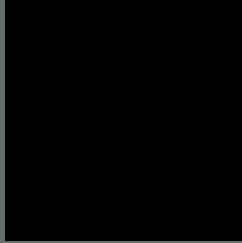
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

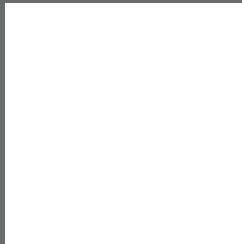
Any Text WCAG AAA × Fail

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

Hex 676D6C Background



This preview shows how black text looks on a background with the Hex color 676D6C.



This preview shows how white text looks on a background with the Hex color 676D6C.

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
676D6C

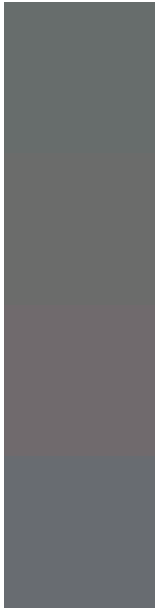
Protanopia
6E6B6B

Deuteranopia
75686D



Tritanopia
686C74

Trichromacy



Original Color

676D6C

Protanomaly

6B6C6B

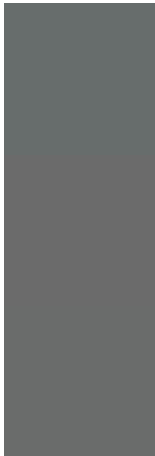
Deuteranomaly

706A6D

Tritanomaly

686C71

Monochromacy



Original Color

676D6C

Achromatopsia

6B6B6B

Achromatomaly

6A6C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 676D6C 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 #676D6C looks like.

```
.text, #text, p{  
    color:#676D6C  
}
```

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 #676D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D6C
}
```

Border

The CSS property to change the border of an element to Hex 676D6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

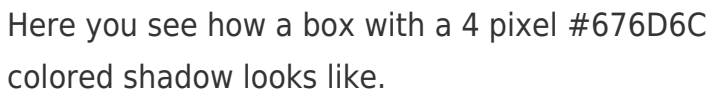
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676D6C }
```

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

```
.border{ border-color:#676D6C }
```

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



Here you see how a box with a 4 pixel #676D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D6C; -webkit-box-shadow:4px 4px  
4px 4px #676D6C; box-shadow:4px 4px 4px  
4px #676D6C }
```

Background

The CSS property to change the background color of an element to Hex 676D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D6C }
```

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

```
.background{ background-color:#676D6C }
```

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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