

# Converting Colors

Hex(67756C)

Have a look what the booklet for  
Hex(67756C) contains.

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# Color

Hex(67756C)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 67756C                     |
| RGB         | 103, 117, 108              |
| RGB Percent | 40%, 46%, 42%              |
| CMY         | 0.5961, 0.5412, 0.5765     |
| CMYK        | 0.12, 0.00, 0.08, 0.54     |
| HSL         | 141°, 6%, 43%              |
| HSV         | 141°, 12%, 46%             |
| XYZ         | 14.6616, 16.6889, 16.6359  |
| YIQ         | 111.7880, -5.4550, -5.7670 |

# Conversions

## Conversions Part 2

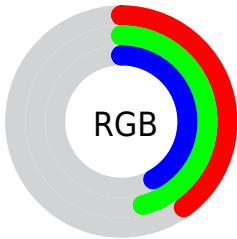
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">103, 113, 117</a>               |
| Decimal                             | <a href="#">6780268</a>                     |
| CIELab                              | <a href="#">47.87, -7.13, 3.19</a>          |
| CIElCh                              | <a href="#">48, 7.811, 155.871</a>          |
| Yxy                                 | <a href="#">16.6889, 0.3055, 0.3478</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284970348<br/>(0xFF67756C)</a> |
| YUV                                 | <a href="#">111.7880, -1.8675, -7.7071</a>  |
| Hunter-Lab                          | <a href="#">40.8520, -7.4282, 4.4521</a>    |

# Details

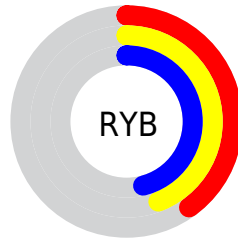
The Hex color **67756C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756770**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9AA99F**, and **38453D** is the 20% darker color. If you saturate the color by 10%, you get **5B7564**, and if you desaturate by 10%, it is **737574**.

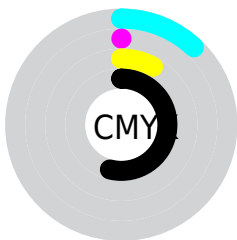
# Distribution



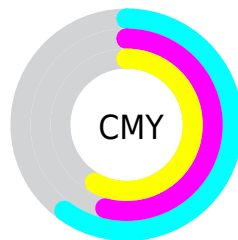
- Red (40%)
- Green (46%)
- Blue (42%)



- Red (40%)
- Yellow (44%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67756C 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 67756C by changing the saturation by 10% instead.



67756C

67756C

FFFFFF

4F5C54

9AA99F

38453D

B5C4BA

222F27

D1E0D6

0D1A12

EDFDF2

000000

67756C

67756C

5B7564

737574

50755D

7E757B

447555

8A7583

■ 38754E

■ 96758A

■ 2D7546

■ A27592

■ 21753F

■ AD7599

■ 157537

■ B975A1

■ 097530

■ C575A8

■ 00752A

■ D075B0

# Harmonies

## Analogous

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



6E7467



67756C



627673

# Triad

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



67756C



6C727F



7F6E6A

# Complementary

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



67756C



756770

# 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.



7F6D70



67756C



756F7C

# Square

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



67756C



65747D



7B6E77



7C6F66

# Rectangle

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



67756C



617577



7B6E77



806D6C



# Sweetspot

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



67756C



939995



707567



494D4A



CCCCCC



4D4D4D



# Same Dimension

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



67756C



84998B



677573



353B37



007A2C



00FA59



# Inverse Universe

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



756770



998491



756769



3B3539



7A004F

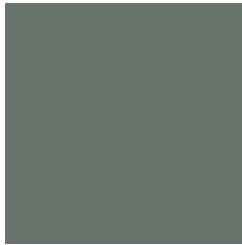


FA00A1



# Previews

## White Background



This preview shows how the Hex color 67756C looks on a white background.

## Color Contrast Check

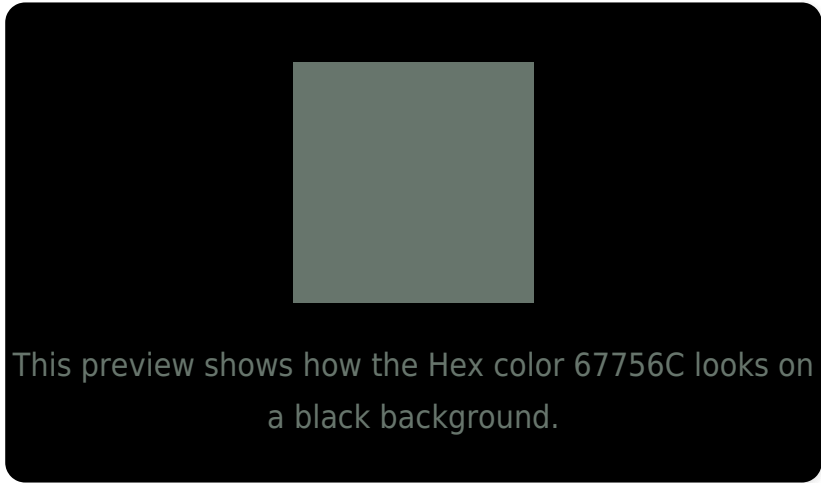
Large Text (above 18pt) WCAG AA ✓ Pass

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

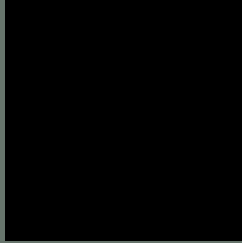
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

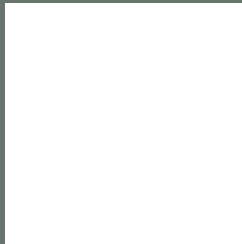
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 67756C Background



This preview shows how black text looks on a background with the Hex color 67756C.



This preview shows how white text looks on a background with the Hex color 67756C.

# 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**  
67756C

**Protanopia**  
75716A

**Deuteranopia**  
7E6E6D



**Tritanopia**  
6A737C

# Trichromacy



**Original Color**  
67756C

**Protanomaly**  
70726B

**Deuteranomaly**  
76716D

**Tritanomaly**  
697476

# Monochromacy



**Original Color**  
67756C

**Achromatopsia**  
707070

**Achromatomaly**  
6D726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67756C 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 #67756C looks like.

```
.text, #text, p{  
    color:#67756C  
}
```

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 #67756C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67756C
}
```

## Border

The CSS property to change the border of an element to Hex 67756C is called "border". The border property can be set on classes, ids or directly on the HTML element.

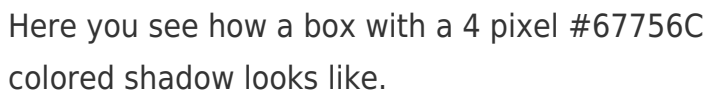
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67756C }
```

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

```
.border{ border-color:#67756C }
```

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



Here you see how a box with a 4 pixel #67756C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67756C; -webkit-box-shadow:4px 4px  
4px 4px #67756C; box-shadow:4px 4px 4px  
4px #67756C }
```

# Background

The CSS property to change the background color of an element to Hex 67756C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67756C }
```

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

```
.background{ background-color:#67756C }
```

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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