

# Converting Colors

Hex(57756B)

Have a look what the booklet for  
Hex(57756B) contains.

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# Color

Hex(57756B)

# Conversions

## Conversions Part 1

Format	Color
Hex	57756B
RGB	87, 117, 107
RGB Percent	34%, 46%, 42%
CMY	0.6588, 0.5412, 0.5804
CMYK	0.26, 0.00, 0.09, 0.54
HSL	160°, 15%, 40%
HSV	160°, 26%, 46%
XYZ	12.9456, 15.8104, 16.2793
YIQ	106.8900, -14.6700, -9.4700

# Conversions

## Conversions Part 2

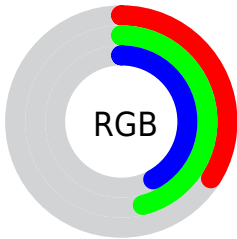
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 105, 117
Decimal	5731691
CIELab	46.72, -13.11, 2.00
CIELCh	47, 13.261, 171.345
Yxy	15.8104, 0.2875, 0.3511
Android (android.graphics.Color)	4283921771 (0xFF57756B)
YUV	106.8900, 0.0542, -17.4435
Hunter-Lab	39.7622, -11.4687, 3.5593

# Details

The Hex color **57756B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755761**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **89A99E**, and **28453C** is the 20% darker color. If you saturate the color by 10%, you get **4B7567**, and if you desaturate by 10%, it is **63756F**.

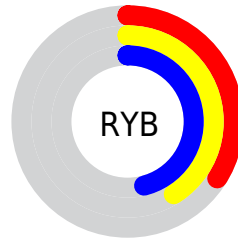
# Distribution



Red (34%)

Green (46%)

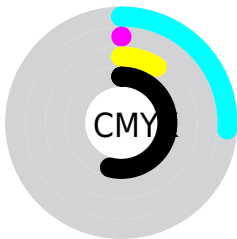
Blue (42%)



Red (34%)

Yellow (41%)

Blue (46%)

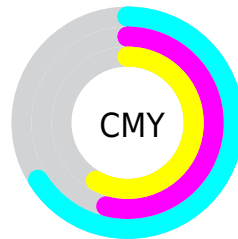


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (54%)



Cyan (66%)

Magenta (54%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57756B 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 57756B by changing the saturation by 10% instead.



■ 57756B

■ 57756B

FFFFFF

■ 3F5C53

■ 89A99E

■ 28453C

■ A4C4B9

■ 122E26

■ BFE0D5

■ 001A11

■ DBFDF1

■ 000000

■ F8FFFF

■ 57756B

■ 57756B

■ 4B7567

■ 63756F

■ 407563

■ 6E7573

■ 34755F

■ 7A7577

■ 28755B

■ 86757B

■ 1D7558

■ 92757E

■ 117554

■ 9D7582

■ 057550

■ A97586

■ 00754E

■ B5758A

■ C0758E

# Harmonies

## Analogous

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



627361



57756B



517576

# Triad

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



57756B



6D6D83



83695E

# Complementary

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



57756B



755761

# 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.



866767



57756B



7A697D

# Square

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



57756B



5E7184



836772



7B6D59

# Rectangle

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



57756B



52747D



836772



856861



# Sweetspot

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



57756B



8D9995



617557



454D4A



CCCCCC



4D4D4D



# Same Dimension

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



57756B



6A9989



577075



353B39



007A52



00FAA7



# Inverse Universe

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



755761



996A79



755C57



3B3537



7A0029



FA0053



# Previews

## White Background



This preview shows how the Hex color 57756B looks on a white background.

## Color Contrast Check

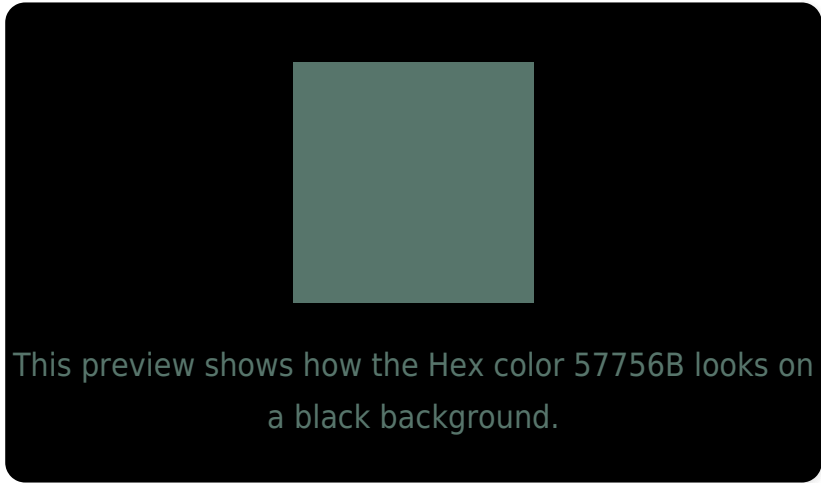
Large Text (above 18pt) WCAG AA ✓ Pass

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

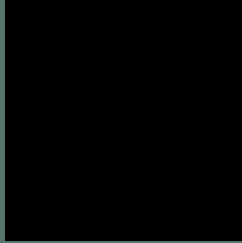
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57756B Background



This preview shows how black text looks on a background with the Hex color 57756B.



This preview shows how white text looks on a background with the Hex color 57756B.

# 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**  
57756B

**Protanopia**  
726E67

**Deuteranopia**  
796B6D



**Tritanopia**  
5A737C

# Trichromacy



**Original Color**  
57756B

**Protanomaly**  
687168

**Deuteranomaly**  
6D6F6C

**Tritanomaly**  
597476

# Monochromacy



**Original Color**  
57756B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
646F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57756B 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 #57756B looks like.

```
.text, #text, p{  
    color:#57756B  
}
```

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 #57756B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57756B
}
```

## Border

The CSS property to change the border of an element to Hex 57756B 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
#57756B }
```

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

```
.border{ border-color:#57756B }
```

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

Here you see how a box with a 4 pixel #57756B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57756B; -webkit-box-shadow:4px 4px  
4px 4px #57756B; box-shadow:4px 4px 4px  
4px #57756B }
```

# Background

The CSS property to change the background color of an element to Hex 57756B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57756B }
```

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

```
.background{ background-color:#57756B }
```

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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