

# Converting Colors

Hex(5C786F)

Have a look what the booklet for  
Hex(5C786F) contains.

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# Color

Hex(5C786F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C786F
RGB	92, 120, 111
RGB Percent	36%, 47%, 44%
CMY	0.6392, 0.5294, 0.5647
CMYK	0.23, 0.00, 0.07, 0.53
HSL	161°, 13%, 42%
HSV	161°, 23%, 47%
XYZ	13.9993, 16.8560, 17.5546
YIQ	110.6020, -13.7990, -8.7350

# Conversions

## Conversions Part 2

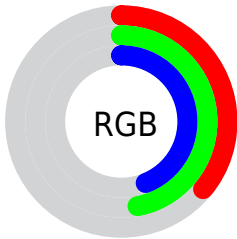
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 109, 120
Decimal	6060143
CIE <sub>Lab</sub>	48.08, -12.14, 1.63
CIE <sub>LCh</sub>	48, 12.253, 172.372
Yxy	16.8560, 0.2892, 0.3482
Android (android.graphics.Color)	4284250223 (0xFF5C786F)
YUV	110.6020, 0.1962, -16.3140
Hunter-Lab	41.0560, -10.9828, 3.3882

# Details

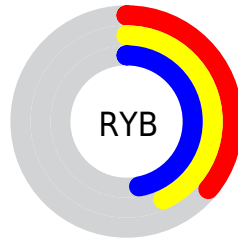
The Hex color **5C786F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785C65**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8FACA3**, and **2D473F** is the 20% darker color. If you saturate the color by 10%, you get **50786B**, and if you desaturate by 10%, it is **687873**.

# Distribution



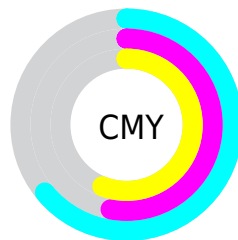
- Red (36%)
- Green (47%)
- Blue (44%)



- Red (36%)
- Yellow (43%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C786F 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 5C786F by changing the saturation by 10% instead.



■ 5C786F

■ 5C786F

FFFFFF

■ 445F57

■ 8FACA3

■ 2D473F

■ A9C8BE

■ 17312A

■ C5E4D9

■ 001C15

■ E1FFF6

■ 000000

FEFFFF

■ 5C786F

■ 5C786F

■ 50786B

■ 687873

■ 447867

■ 747877

■ 387863

■ 80787B

■ 2C7860

■ 8C787E

■ 20785C

■ 987882

■ 147858

■ A47886

■ 087854

■ B0788A

■ 007851

■ BC788E

■ C87892

# Harmonies

## Analogous

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



667765



5C786F



57787A

# Triad

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



5C786F



717085



856D62

# Complementary

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



5C786F



785C65

# 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.



886B6B



5C786F



7D6D7F

# Square

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



5C786F



637486



856B75



7D705E

# Rectangle

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



5C786F



587780



856B75



866C65



# Sweetspot

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



5C786F



919C98



65785C



494F4D



CFCFCF



4F4F4F



# Same Dimension

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



5C786F



709C8E



5C7378



373D3B



007D55



00FCAB



# Inverse Universe

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



785C65



9C707E



78615C



3D3739



7D0028



FC0051



# Previews

## White Background



This preview shows how the Hex color 5C786F looks on a white background.

## Color Contrast Check

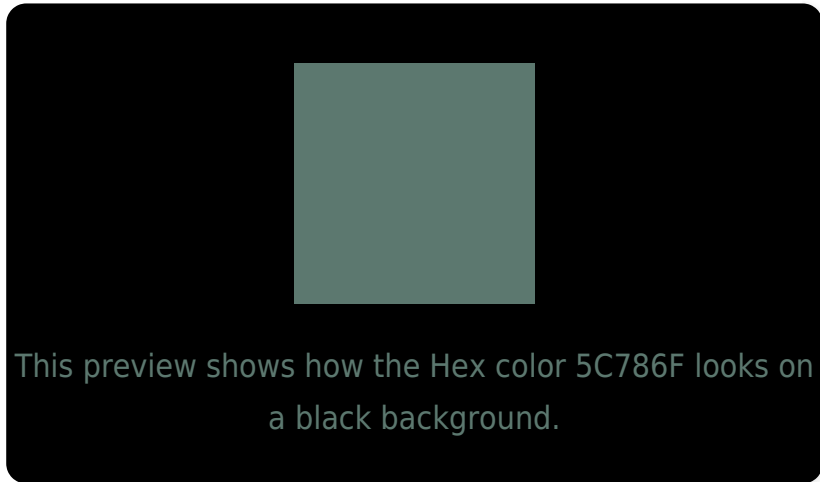
Large Text (above 18pt) WCAG AA ✓ Pass

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

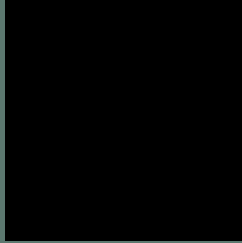
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

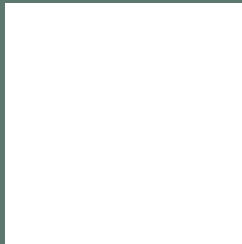
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5C786F Background



This preview shows how black text looks on a background with the Hex color 5C786F.

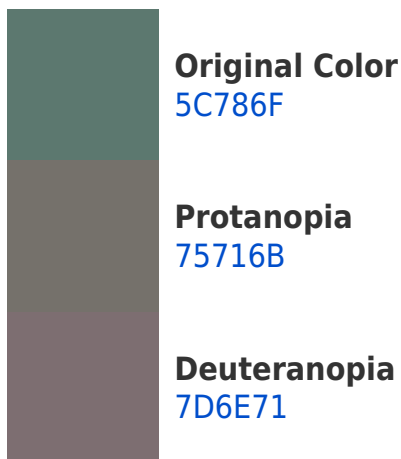



This preview shows how white text looks on a background with the Hex color 5C786F.

# 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





**Tritanopia**  
5F767F

# Trichromacy



**Original Color**  
5C786F

**Protanomaly**  
6C746C

**Deuteranomaly**  
717270

**Tritanomaly**  
5E7779

# Monochromacy



**Original Color**  
5C786F

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
68726F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C786F 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 #5C786F looks like.

```
.text, #text, p{  
    color:#5C786F  
}
```

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 #5C786F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C786F
}
```

## Border

The CSS property to change the border of an element to Hex 5C786F 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
#5C786F }
```

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

```
.border{ border-color:#5C786F }
```

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

Here you see how a box with a 4 pixel #5C786F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C786F; -webkit-box-shadow:4px 4px  
4px 4px #5C786F; box-shadow:4px 4px 4px  
4px #5C786F }
```

# Background

The CSS property to change the background color of an element to Hex 5C786F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C786F }
```

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

```
.background{ background-color:#5C786F }
```

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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