

Converting Colors

Hex(5F785F)

Have a look what the booklet for
Hex(5F785F) contains.

Hex(5F785F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F785F)

Conversions

Conversions Part 1

Format	Color
Hex	5F785F
RGB	95, 120, 95
RGB Percent	37%, 47%, 37%
CMY	0.6275, 0.5294, 0.6275
CMYK	0.21, 0.00, 0.21, 0.53
HSL	120°, 12%, 42%
HSV	120°, 21%, 47%
XYZ	13.5013, 16.6921, 13.3368
YIQ	109.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

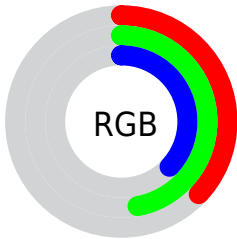
Format	Color
R_{YB}	95, 120, 120
Decimal	6256735
CIE _{Lab}	47.87, -14.42, 10.79
CIE _{LCh}	48, 18.009, 143.172
Yxy	16.6921, 0.3102, 0.3835
Android (android.graphics.Color)	4284446815 (0xFF5F785F)
YUV	109.6750, -7.2348, -12.8700
Hunter-Lab	40.8559, -12.5103, 9.2449

Details

The Hex color **5F785F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **785F78**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **92AC91**, and **304731** is the 20% darker color. If you saturate the color by 10%, you get **537853**, and if you desaturate by 10%, it is **6B786B**.

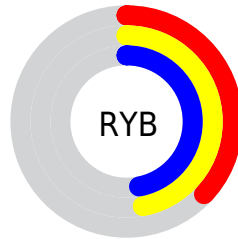
Distribution



Red (37%)

Green (47%)

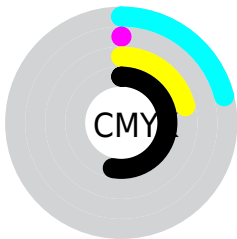
Blue (37%)



Red (37%)

Yellow (47%)

Blue (47%)

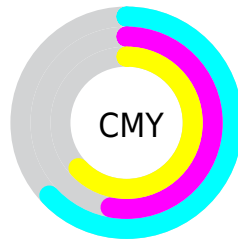


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F785F 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 5F785F by changing the saturation by 10% instead.



5F785F



5F785F

FFFFFF



475F47



92AC91



304731



ADC8AC



1A311C



C8E4C7



041C02



E4FFE3



000000



5F785F



5F785F



537853



6B786B



477847



777877



3B783B



837883

 2F782F

 8F788F

 237823

 9B789B

 177817

 A778A7

 0B780B

 B378B3

 007800

 BF78BF

 CB78CB

Harmonies

Analogous

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



707456



5F785F



4F7A6D

Triad

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



5F785F



5A748F



916766

Complementary

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



5F785F



785F78

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.



8D6776



5F785F



6F6F8D

Square

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



5F785F



4A7889



826A84



8C6A5A

Rectangle

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



5F785F



487A78



826A84



91676B

Sweetspot

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



5F785F



929C92



78785F



4A4F4A



CFCFCF



4F4F4F

Same Dimension

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



5F785F



759C75



5F786B



373D37



007D00



00FC00

Inverse Universe

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



785F78



9C759C



785F6B



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 5F785F looks on a white background.

Color Contrast Check

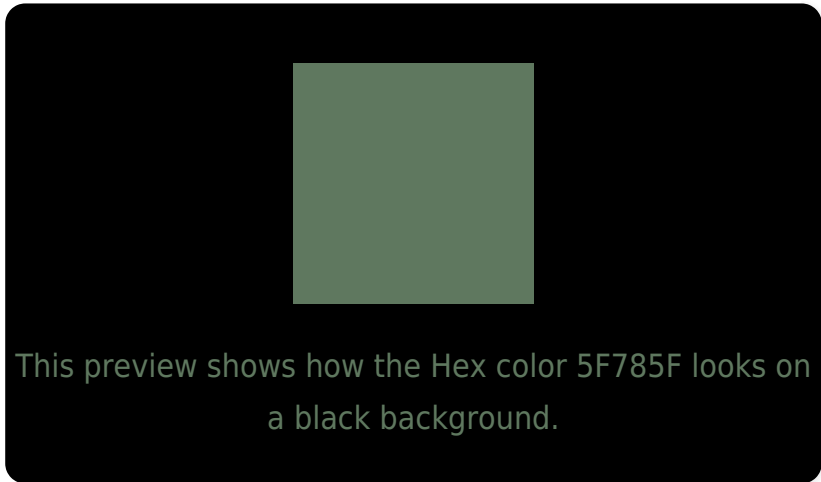
Large Text (above 18pt) WCAG AA ✓ Pass

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

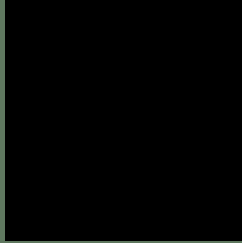
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

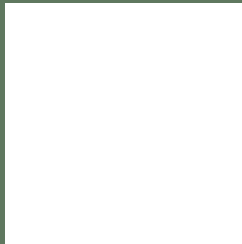
Any Text WCAG AAA × Fail

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

Hex 5F785F Background



This preview shows how black text looks on a background with the Hex color 5F785F.



This preview shows how white text looks on a background with the Hex color 5F785F.

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
5F785F

Protanopia
78715C

Deuteranopia
826D61



Tritanopia
64747D

Trichromacy



Original Color
5F785F

Protanomaly
6F745D

Deuteranomaly
757160

Tritanomaly
627572

Monochromacy



Original Color
5F785F

Achromatopsia
6E6E6E

Achromatomaly
697269

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F785F 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 #5F785F looks like.

```
.text, #text, p{  
    color:#5F785F  
}
```

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 #5F785F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F785F
}
```

Border

The CSS property to change the border of an element to Hex 5F785F 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
#5F785F }
```

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

```
.border{ border-color:#5F785F }
```

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

Here you see how a box with a 4 pixel #5F785F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F785F; -webkit-box-shadow:4px 4px  
4px 4px #5F785F; box-shadow:4px 4px 4px  
4px #5F785F }
```

Background

The CSS property to change the background color of an element to Hex 5F785F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F785F }
```

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

```
.background{ background-color:#5F785F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor