

# Converting Colors

Hex(5A857F)

Have a look what the booklet for  
Hex(5A857F) contains.

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# Color

Hex(5A857F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A857F
RGB	90, 133, 127
RGB Percent	35%, 52%, 50%
CMY	0.6471, 0.4784, 0.5020
CMYK	0.32, 0.00, 0.05, 0.48
HSL	172°, 19%, 44%
HSV	172°, 32%, 52%
XYZ	16.4347, 20.4810, 23.1657
YIQ	119.4590, -23.7020, -10.9820

# Conversions

## Conversions Part 2

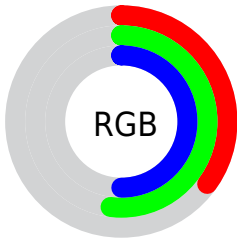
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 113, 133
Decimal	5932415
CIE <sub>Lab</sub>	52.38, -16.17, -1.51
CIE <sub>LCh</sub>	52, 16.242, 185.319
Yxy	20.4810, 0.2735, 0.3409
Android (android.graphics.Color)	4284122495 (0xFF5A857F)
YUV	119.4590, 3.7177, -25.8355
Hunter-Lab	45.2560, -14.3755, 1.3297

# Details

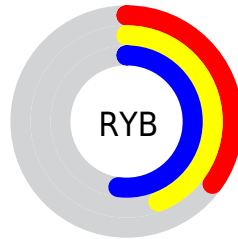
The Hex color **5A857F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **855A60**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8EBAB4**, and **29534E** is the 20% darker color. If you saturate the color by 10%, you get **4D857D**, and if you desaturate by 10%, it is **678581**.

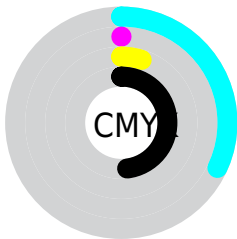
# Distribution



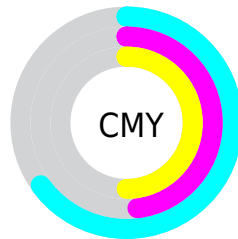
- Red (35%)
- Green (52%)
- Blue (50%)



- Red (35%)
- Yellow (44%)
- Blue (52%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (65%)
- Magenta (48%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A857F 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 5A857F by changing the saturation by 10% instead.





5A857F



5A857F

FFFFFF



416C66



8EBAB4



29534E



A9D6CF



103C37



C4F2EB



002622



E0FFFF



00100C



FDFFFF



000000



5A857F



5A857F



4D857D



678581



3F857B



758583

■ 328579

■ 828585

■ 258578

■ 8F8586

■ 188576

■ 9D8588

■ 0A8574

■ AA858A

■ 008572

■ B7858C

■ C4858E

■ D28590

# Harmonies

## Analogous

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



668471



5A857F



57848D

# Triad

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



5A857F



837994



927864

# Complementary

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



5A857F



855A60

# 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.



99746D



5A857F



917589

# Square

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



5A857F



707D98



99737B



857D61

# Rectangle

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



5A857F



5B8393



99737B



957767



# Sweetspot

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



5A857F



9CADAB



60855A



4C5755



D6D6D6



575757



# Same Dimension

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



5A857F



6AADA4



5A7685



3C4241



008270



000302



# Inverse Universe

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



855A60



AD6A73



85695A



423C3D



820012



030000



# Previews

## White Background



This preview shows how the Hex color 5A857F looks on a white background.

## Color Contrast Check

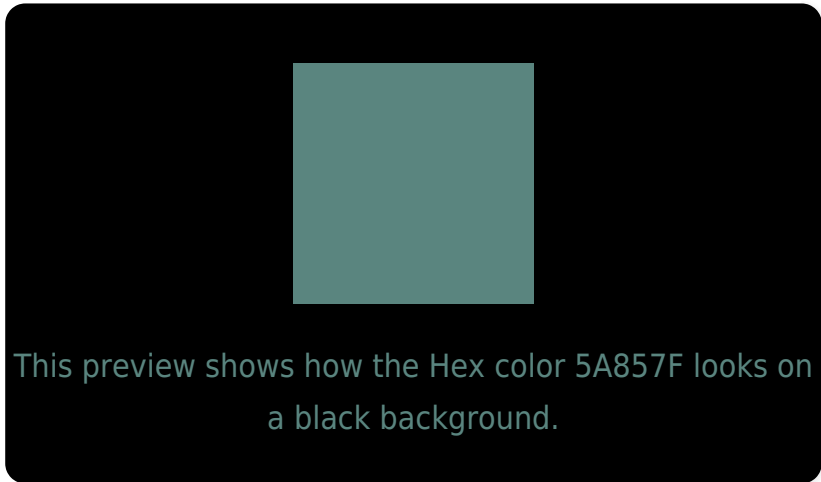
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

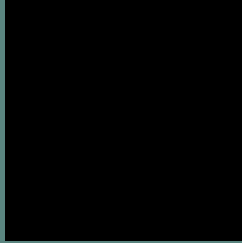
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A857F Background



This preview shows how black text looks on a background with the Hex color 5A857F.

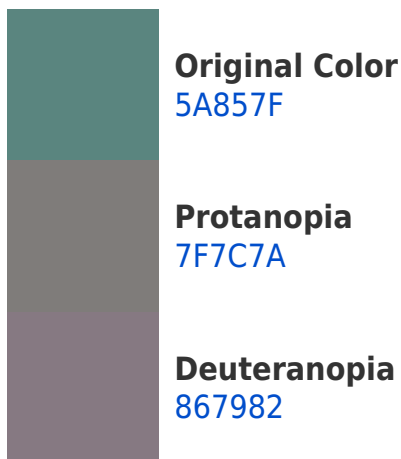



This preview shows how white text looks on a background with the Hex color 5A857F.

# 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**  
5D838D

# Trichromacy



**Original Color**  
5A857F

**Protanomaly**  
727F7C

**Deuteranomaly**  
767D81

**Tritanomaly**  
5C8488

# Monochromacy



**Original Color**  
5A857F

**Achromatopsia**  
777777

**Achromatomaly**  
6C7C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A857F 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 #5A857F looks like.

```
.text, #text, p{  
    color:#5A857F  
}
```

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 #5A857F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A857F
}
```

## Border

The CSS property to change the border of an element to Hex 5A857F 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
#5A857F }
```

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

```
.border{ border-color:#5A857F }
```

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

Here you see how a box with a 4 pixel #5A857F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A857F; -webkit-box-shadow:4px 4px  
4px 4px #5A857F; box-shadow:4px 4px 4px  
4px #5A857F }
```

# Background

The CSS property to change the background color of an element to Hex 5A857F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A857F }
```

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

```
.background{ background-color:#5A857F }
```

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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