

Converting Colors

Hex(5A907F)

Have a look what the booklet for
Hex(5A907F) contains.

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Color

Hex(5A907F)

Conversions

Conversions Part 1

Format	Color
Hex	5A907F
RGB	90, 144, 127
RGB Percent	35%, 56%, 50%
CMY	0.6471, 0.4353, 0.5020
CMYK	0.37, 0.00, 0.12, 0.44
HSL	161°, 23%, 46%
HSV	161°, 37%, 56%
XYZ	18.0205, 23.6525, 23.6943
YIQ	125.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

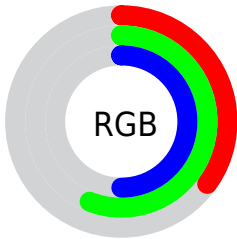
Format	Color
R_{YB}	90, 122, 144
Decimal	5935231
CIE _{Lab}	55.74, -21.98, 3.39
CIE _{LCh}	56, 22.235, 171.234
Yxy	23.6525, 0.2757, 0.3618
Android (android.graphics.Color)	4284125311 (0xFF5A907F)
YUV	125.9160, 0.5344, -31.4983
Hunter-Lab	48.6338, -18.9689, 5.1577

Details

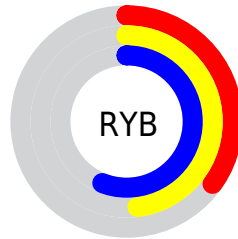
The Hex color **5A907F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **905A6B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8EC6B4**, and **285D4E** is the 20% darker color. If you saturate the color by 10%, you get **4C907A**, and if you desaturate by 10%, it is **689084**.

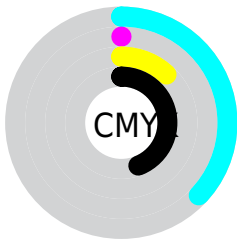
Distribution



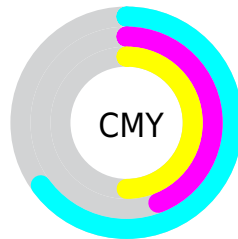
- Red (35%)
- Green (56%)
- Blue (50%)



- Red (35%)
- Yellow (48%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A907F 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 5A907F by changing the saturation by 10% instead.



5A907F



5A907F

FFFFFF



417666



8EC6B4



285D4E



A9E2CF



0C4537



C5FFEB



002F22



E2FFFF



001C0C



000000



5A907F



5A907F



4C907A



689084



3D9076



779088

■ 2F9071

■ 85908D

■ 20906D

■ 949091

■ 129068

■ A29096

■ 049064

■ B0909A

■ 009063

■ BF909F

■ CD90A3

■ DC90A8

Harmonies

Analogous

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



6F8D6D



5A907F



4C9093

Triad

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



5A907F



8183A9



A77C68

Complementary

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



5A907F



905A6B

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.



AD7878



5A907F



997C9E

Square

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



5A907F



6689AB



A8788C



998260

Rectangle

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



5A907F



4D8F9E



A8788C



AA7A6D

Sweetspot

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



5A907F



A6BAB4



6B905A



525E5A



DEDEDE



5E5E5E

Same Dimension

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



5A907F



66BAA0



5A8690



404745



00875D



000805

Inverse Universe

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



905A6B



BA6681



90645A



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 5A907F looks on a white background.

Color Contrast Check

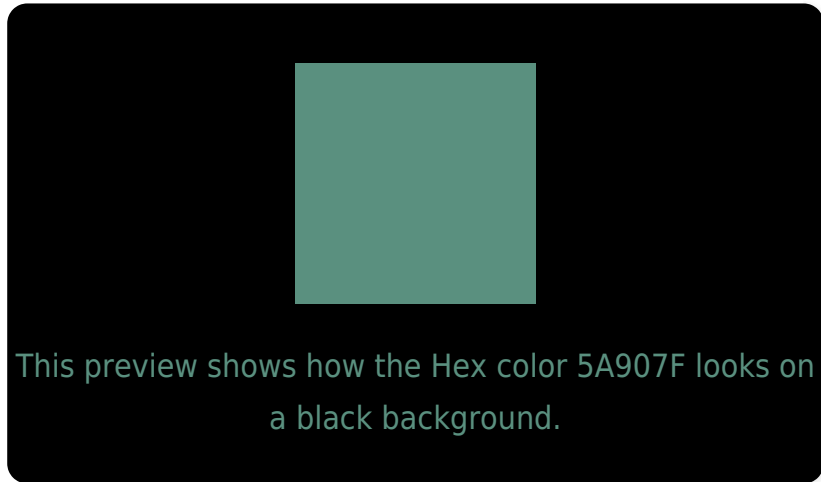
Large Text (above 18pt) WCAG AA ✓ Pass

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

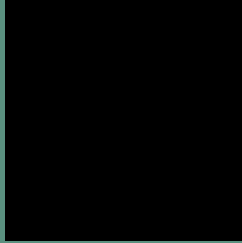
Any Text WCAG AA ✓ Pass

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 5A907F Background



This preview shows how black text looks on a background with the Hex color 5A907F.

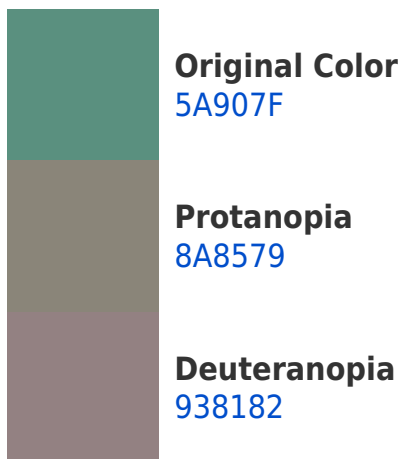


This preview shows how white text looks on a background with the Hex color 5A907F.

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](#).

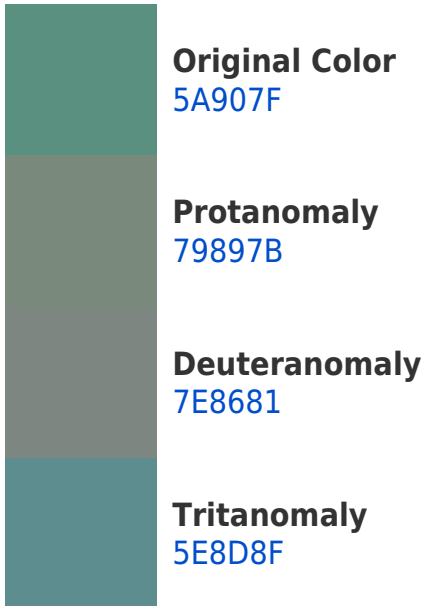
Dichromacy



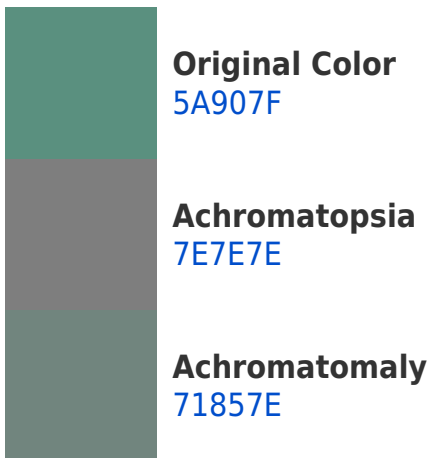


Tritanopia
608C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A907F 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 #5A907F looks like.

```
.text, #text, p{  
    color:#5A907F  
}
```

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 #5A907F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A907F
}
```

Border

The CSS property to change the border of an element to Hex 5A907F 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
#5A907F }
```

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

```
.border{ border-color:#5A907F }
```

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

Here you see how a box with a 4 pixel #5A907F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A907F; -webkit-box-shadow:4px 4px  
4px 4px #5A907F; box-shadow:4px 4px 4px  
4px #5A907F }
```

Background

The CSS property to change the background color of an element to Hex 5A907F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A907F }
```

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

```
.background{ background-color:#5A907F }
```

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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