

Converting Colors

Hex(5A9F97)

Have a look what the booklet for
Hex(5A9F97) contains.

Hex(5A9F97)	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(5A9F97)

Conversions

Conversions Part 1

Format	Color
Hex	5A9F97
RGB	90, 159, 151
RGB Percent	35%, 62%, 59%
CMY	0.6471, 0.3765, 0.4078
CMYK	0.43, 0.00, 0.05, 0.38
HSL	173°, 28%, 49%
HSV	173°, 43%, 62%
XYZ	22.2005, 29.2043, 33.7451
YIQ	137.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

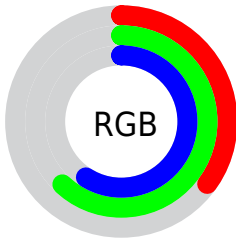
Format	Color
R_{YB}	90, 127, 159
Decimal	5939095
CIE _{Lab}	60.96, -23.81, -2.65
CIE _{LCh}	61, 23.953, 186.362
Y _{xy}	29.2043, 0.2607, 0.3430
Android (android.graphics.Color)	4284129175 (0xFF5A9F97)
YUV	137.4570, 6.6767, -41.6198
Hunter-Lab	54.0410, -21.2424, 0.8060

Details

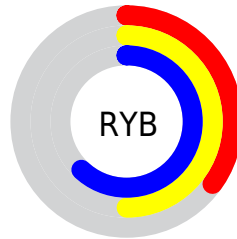
The Hex color **5A9F97** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F5A62**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **90D6CD**, and **236B64** is the 20% darker color. If you saturate the color by 10%, you get **4A9F95**, and if you desaturate by 10%, it is **6A9F99**.

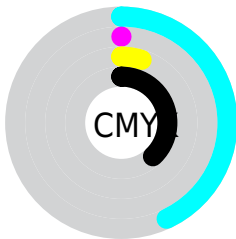
Distribution



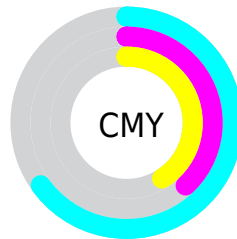
- Red (35%)
- Green (62%)
- Blue (59%)



- Red (35%)
- Yellow (50%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9F97 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 5A9F97 by changing the saturation by 10% instead.

 5A9F97

 5A9F97

FFFFFF

 3F857D

 90D6CD

 236B64

 ACF2E9

 00534C

 C8FFFF

 003B36

 E5FFFF

 002521

 00070A

 000000

 5A9F97

 5A9F97

 4A9F95

 6A9F99

■ 3A9F93

■ 7A9F9B

■ 2A9F91

■ 8A9F9D

■ 1A9F90

■ 9A9F9E

■ 0B9F8E

■ AA9FA0

■ 009F8D

■ B99FA2

■ C99FA4

■ D99FA6

■ E99FA8

Harmonies

Analogous

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



6E9D81



5A9F97



539EAB

Triad

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



5A9F97



9C8CB5



B18C6D

Complementary

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



5A9F97



9F5A62

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.



BC867B



5A9F97



B286A4

Square

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



5A9F97



7F94BD



BD848F



9E9369

Rectangle

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



5A9F97



5B9BB6



BD848F



B68A71

Sweetspot

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



5A9F97



B4CFCB



629F5A



586967



E8E8E8



696969

Same Dimension

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



5A9F97



63CFC2



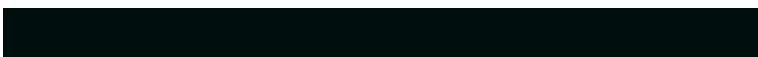
5A859F



474F4E



008F7E



000F0E

Inverse Universe

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



9F5A62



CF6370



9F745A



4F4748



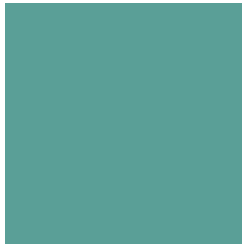
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 5A9F97 looks on a white background.

Color Contrast Check

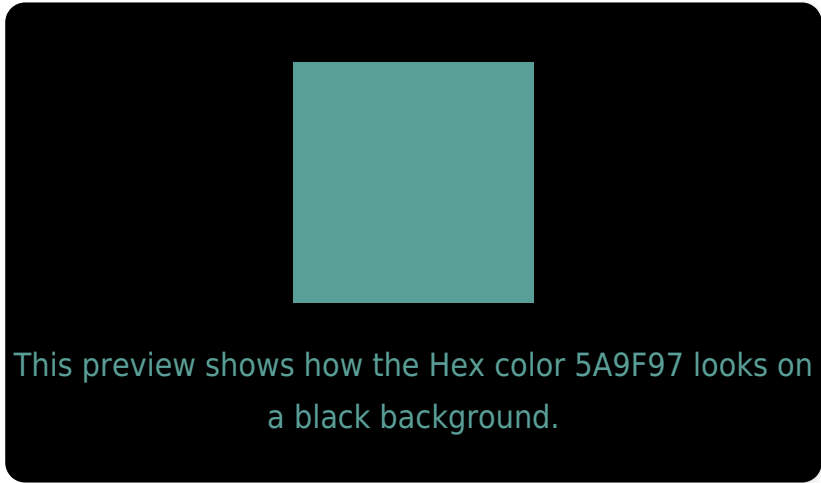
Large Text (above 18pt) WCAG AA ✓ Pass

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

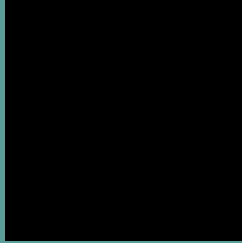
Any Text WCAG AA ✓ Pass

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 5A9F97 Background



This preview shows how black text looks on a background with the Hex color 5A9F97.

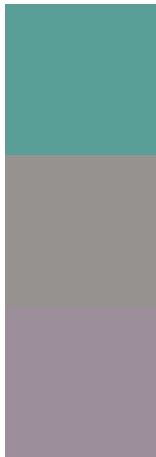


This preview shows how white text looks on a background with the Hex color 5A9F97.

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](#).

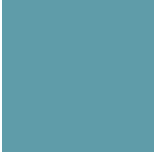
Dichromacy



Original Color
5A9F97

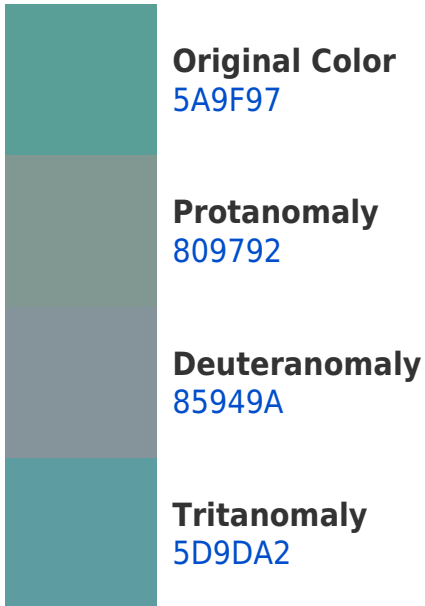
Protanopia
96928F

Deuteranopia
9D8E9B

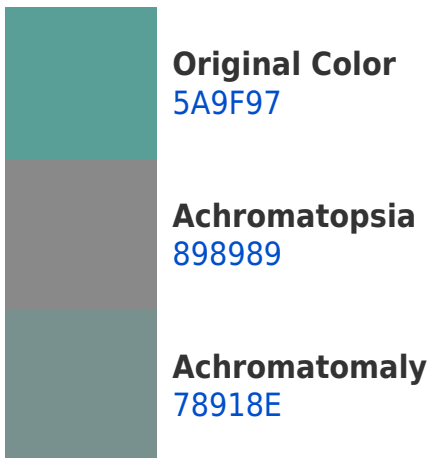


Tritanopia
5F9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9F97 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 #5A9F97 looks like.

```
.text, #text, p{  
    color:#5A9F97  
}
```

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 #5A9F97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9F97
}
```

Border

The CSS property to change the border of an element to Hex 5A9F97 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
#5A9F97 }
```

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

```
.border{ border-color:#5A9F97 }
```

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

Here you see how a box with a 4 pixel #5A9F97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9F97; -webkit-box-shadow:4px 4px  
4px 4px #5A9F97; box-shadow:4px 4px 4px  
4px #5A9F97 }
```

Background

The CSS property to change the background color of an element to Hex 5A9F97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9F97 }
```

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

```
.background{ background-color:#5A9F97 }
```

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