

Converting Colors

Hex(55949F)

Have a look what the booklet for
Hex(55949F) contains.

Hex(55949F)	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(55949F)

Conversions

Conversions Part 1

Format	Color
Hex	55949F
RGB	85, 148, 159
RGB Percent	33%, 58%, 62%
CMY	0.6667, 0.4196, 0.3765
CMYK	0.47, 0.07, 0.00, 0.38
HSL	189°, 30%, 48%
HSV	189°, 47%, 62%
XYZ	20.5942, 25.6143, 36.6595
YIQ	130.4170, -41.0790, -9.9350

Conversions

Conversions Part 2

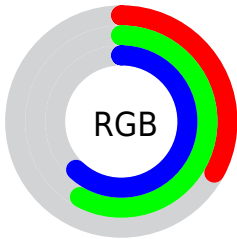
Format	Color
R_{YB}	85, 119, 159
Decimal	5608607
CIE _{Lab}	57.67, -17.23, -12.12
CIE _{LCh}	58, 21.064, 215.127
Yxy	25.6143, 0.2485, 0.3091
Android (android.graphics.Color)	4283798687 (0xFF55949F)
YUV	130.4170, 14.0914, -39.8307
Hunter-Lab	50.6106, -15.9341, -7.5190

Details

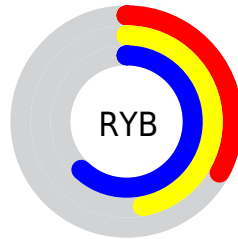
The Hex color **55949F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F6055**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BCAD6**, and **1C616C** is the 20% darker color. If you saturate the color by 10%, you get **45929F**, and if you desaturate by 10%, it is **65969F**.

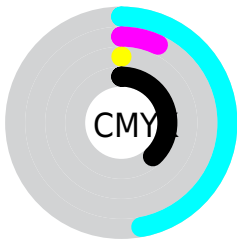
Distribution



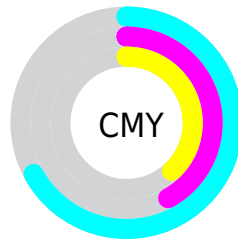
- Red (33%)
- Green (58%)
- Blue (62%)



- Red (33%)
- Yellow (47%)
- Blue (62%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55949F 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 55949F by changing the saturation by 10% instead.



55949F



55949F

FFFFFF



3A7A85



8BCAD6



1C616C



A7E6F2



004953



C3FFFF



00323C



E0FFFF



001E26



F0FFFF



000112



000000



55949F



55949F



45929F



65969F

■ 358F9F

■ 75999F

■ 258D9F

■ 859B9F

■ 158B9F

■ 959D9F

■ 06889F

■ A4A09F

■ 00879F

■ B4A29F

■ C4A59F

■ D4A79F

■ E4A99F

Harmonies

Analogous

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



5B958D



55949F



6191AB

Triad

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



55949F



A57F9A



958A66

Complementary

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



55949F



9F6055

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.



A5846A



55949F



AF7D88

Square

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



55949F



9285A9



AF7F76



81906C

Rectangle

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



55949F



708DAF



AF7F76



9B8866

Sweetspot

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



55949F



B2CACF



559F5F



576669



E8E8E8



696969

Same Dimension

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



55949F



5BBDCF



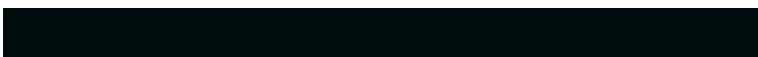
55709F



474E4F



007A8F



000D0F

Inverse Universe

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



9F5594



CF5BBD



9F8455



4F474E



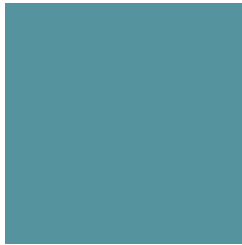
8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 55949F looks on a white background.

Color Contrast Check

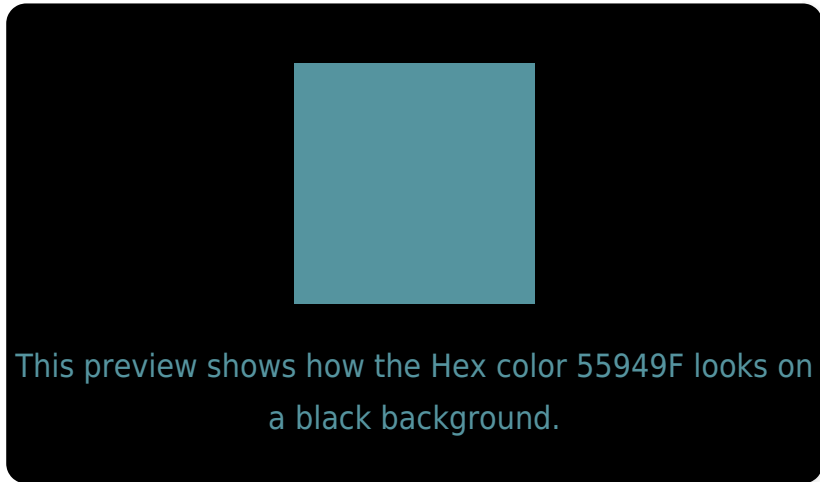
Large Text (above 18pt) WCAG AA ✓ Pass

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

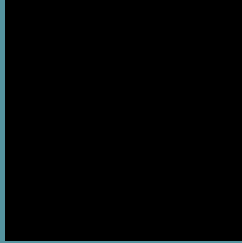
Any Text WCAG AA ✓ Pass

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 55949F Background



This preview shows how black text looks on a background with the Hex color 55949F.

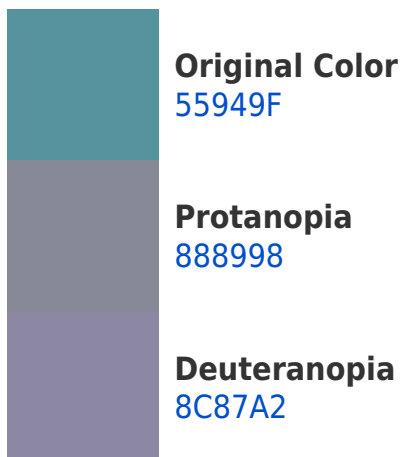


This preview shows how white text looks on a background with the Hex color 55949F.

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](#).

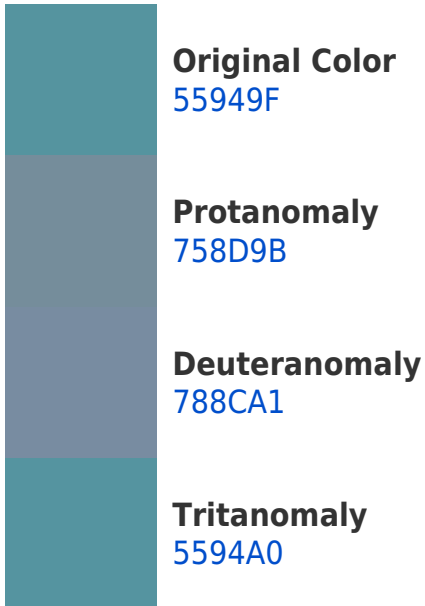
Dichromacy



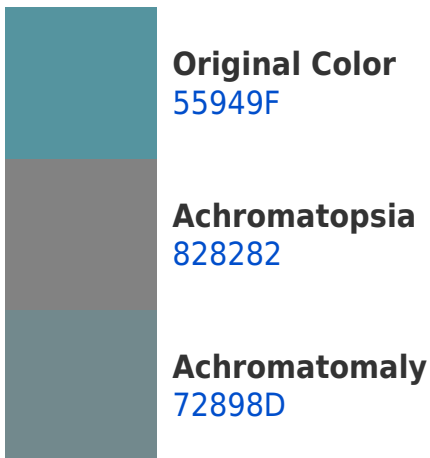


Tritanopia
5594A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55949F 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 #55949F looks like.

```
.text, #text, p{  
    color:#55949F  
}
```

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 #55949F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55949F
}
```

Border

The CSS property to change the border of an element to Hex 55949F 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
#55949F }
```

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

```
.border{ border-color:#55949F }
```

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

Here you see how a box with a 4 pixel #55949F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55949F; -webkit-box-shadow:4px 4px  
4px 4px #55949F; box-shadow:4px 4px 4px  
4px #55949F }
```

Background

The CSS property to change the background color of an element to Hex 55949F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55949F }
```

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

```
.background{ background-color:#55949F }
```

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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