

# Converting Colors

Hex(55979F)

Have a look what the booklet for  
Hex(55979F) contains.

<b>Hex(55979F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(55979F)

# Conversions

## Conversions Part 1

Format	Color
Hex	55979F
RGB	85, 151, 159
RGB Percent	33%, 59%, 62%
CMY	0.6667, 0.4078, 0.3765
CMYK	0.47, 0.05, 0.00, 0.38
HSL	186°, 30%, 48%
HSV	186°, 47%, 62%
XYZ	21.0709, 26.5677, 36.8184
YIQ	132.1780, -41.9040, -11.5040

# Conversions

## Conversions Part 2

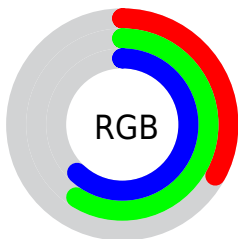
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	85, 120, 159
Decimal	5609375
CIE <sub>Lab</sub>	58.57, -18.82, -10.76
CIE <sub>LCh</sub>	59, 21.681, 209.767
Y <sub>xy</sub>	26.5677, 0.2495, 0.3146
Android (android.graphics.Color)	4283799455 (0xFF55979F)
YUV	132.1780, 13.2232, -41.3751
Hunter-Lab	51.5439, -17.2317, -6.2708

# Details

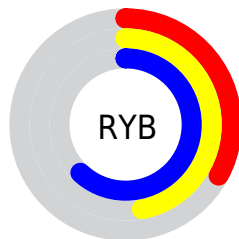
The Hex color **55979F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F5D55**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BCDD6**, and **1C646C** is the 20% darker color. If you saturate the color by 10%, you get **45959F**, and if you desaturate by 10%, it is **65999F**.

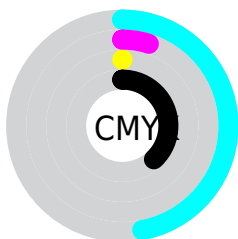
# Distribution



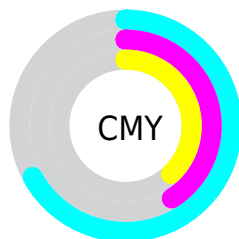
- Red (33%)
- Green (59%)
- Blue (62%)



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



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (41%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55979F 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 55979F by changing the saturation by 10% instead.



■ 55979F

■ 55979F

FFFFFF

■ 3A7D85

■ 8BCDD6

■ 1C646C

■ A7EAF2

■ 004C53

■ C3FFFF

■ 00353C

■ E0FFFF

■ 002027

■ F0FFFF

■ 000112

■ 000000

■ 55979F

■ 55979F

■ 45959F

■ 65999F

■ 35949F

■ 759A9F

■ 25929F

■ 859C9F

■ 15909F

■ 959E9F

■ 068E9F

■ A4A09F

■ 008E9F

■ B4A19F

■ C4A39F

■ D4A59F

■ E4A69F

# Harmonies

## Analogous

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



5E988C



55979F



5E94AD

# Triad

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



55979F



A582A0



9B8C67

# Complementary

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



55979F



9F5D55

# 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.



AB856D



55979F



B17F8E

# Square

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



55979F



9088AE



B3807B



87916C

# Rectangle

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



55979F



6D91B2



B3807B



A18968



# Sweetspot

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



55979F



B2CBCF



559F5C



576769



E8E8E8



696969



# Same Dimension

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



55979F



5BC2CF



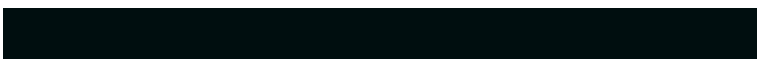
55739F



474E4F



007F8F



000E0F



# Inverse Universe

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



9F5597



CF5BC2



9F8155



4F474E



8F007F

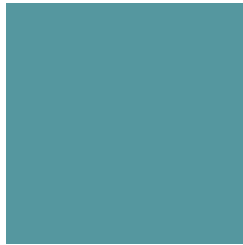


0F000E



# Previews

## White Background



This preview shows how the Hex color 55979F looks on a white background.

## Color Contrast Check

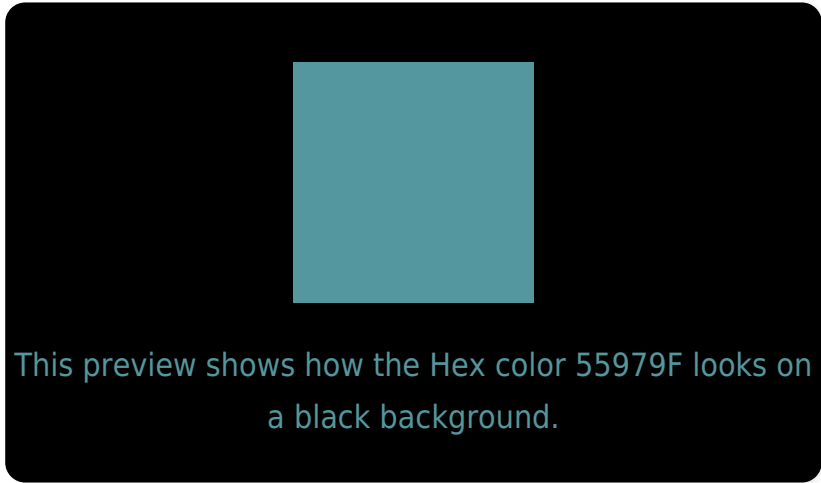
Large Text (above 18pt) WCAG AA ✓ Pass

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

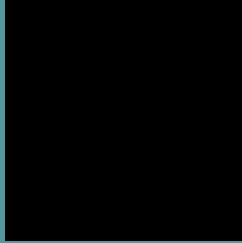
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 55979F Background



This preview shows how black text looks on a background with the Hex color 55979F.

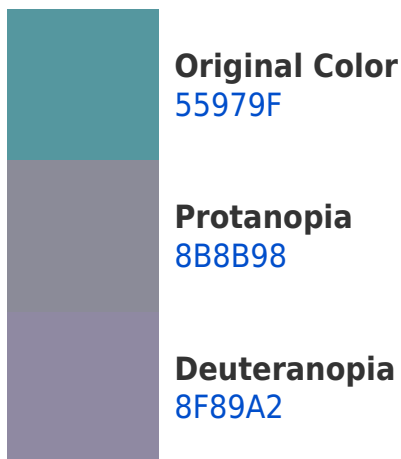


This preview shows how white text looks on a background with the Hex color 55979F.

# 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](#).

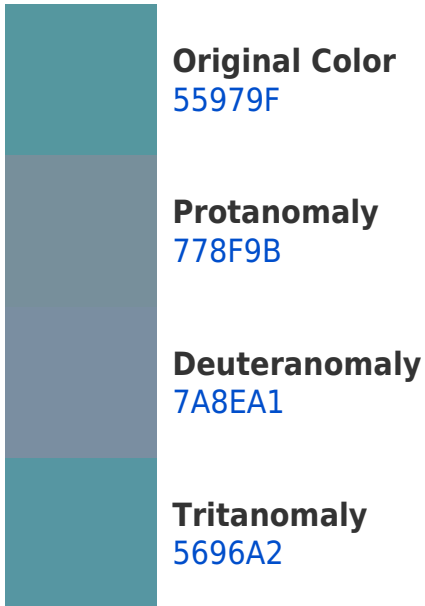
## Dichromacy





**Tritanopia**  
5696A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55979F 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 #55979F looks like.

```
.text, #text, p{  
    color:#55979F  
}
```

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 #55979F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55979F
}
```

## Border

The CSS property to change the border of an element to Hex 55979F 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
#55979F }
```

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

```
.border{ border-color:#55979F }
```

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

Here you see how a box with a 4 pixel #55979F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55979F; -webkit-box-shadow:4px 4px  
4px 4px #55979F; box-shadow:4px 4px 4px  
4px #55979F }
```

# Background

The CSS property to change the background color of an element to Hex 55979F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55979F }
```

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

```
.background{ background-color:#55979F }
```

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