

# Converting Colors

Hex(59BF8C)

Have a look what the booklet for  
Hex(59BF8C) contains.

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**Color**

**Hex(59BF8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59BF8C
RGB	89, 191, 140
RGB Percent	35%, 75%, 55%
CMY	0.6510, 0.2510, 0.4510
CMYK	0.53, 0.00, 0.27, 0.25
HSL	150°, 44%, 55%
HSV	150°, 53%, 75%
XYZ	27.4842, 41.2789, 31.3300
YIQ	154.6880, -44.4210, -37.4850

# Conversions

## Conversions Part 2

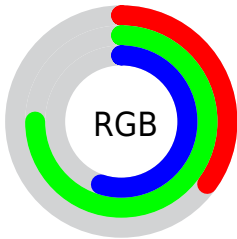
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 157, 191
Decimal	5881740
CIELab	70.37, -41.65, 16.88
CIELCh	70, 44.941, 157.941
Yxy	41.2789, 0.2746, 0.4124
Android (android.graphics.Color)	4284071820 (0xFF59BF8C)
YUV	154.6880, -7.2412, -57.6084
Hunter-Lab	64.2487, -36.0765, 16.0621

# Details

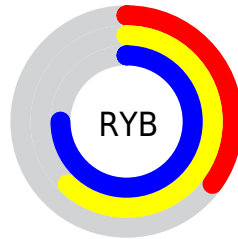
The Hex color **59BF8C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF598C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **92F8C2**, and **18895A** is the 20% darker color. If you saturate the color by 10%, you get **46BF82**, and if you desaturate by 10%, it is **6CBF96**.

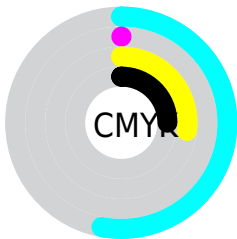
# Distribution



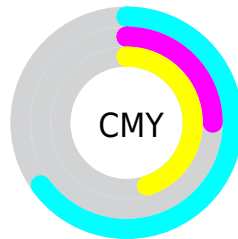
- Red (35%)
- Green (75%)
- Blue (55%)



- Red (35%)
- Yellow (62%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (27%)
- Black (25%)



- Cyan (65%)
- Magenta (25%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59BF8C 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 59BF8C by changing the saturation by 10% instead.



 59BF8C

 59BF8C

FFFFFF

 3BA372

 92F8C2

 18895A

 AEFFDE

 006F42

 CBFFFA

 00562C

 E9FFFF

 003D16

 002800

 000300

 000000

 59BF8C

 59BF8C

 46BF82

 6CBF96

 33BF79

 7FBF9F

 20BF6F

 92BFA9

 0DBF66

 A5BFB2

 00BF60

 B9BFBC

 CCBFC5

 DFBFCF

 F2BFD8

 FFBFE2

# Harmonies

## Analogous

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



8FB86A



59BF8C



00C1B6

# Triad

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



59BF8C



7FADFD



F5917C

# Complementary

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



59BF8C



BF598C

# 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.



FA8BA3



59BF8C



BE9DED

# Square

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



59BF8C



07B9F7



E890CC



DE9F61

# Rectangle

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



59BF8C



00C1D1



E890CC



F98E88

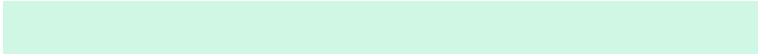


# Sweetspot

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



59BF8C



D0F7E4



8CBF59



657D71



FCFCFC



7D7D7D



# Same Dimension

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



59BF8C



59F7A8



59BFBF



555E5A



009E4F



001F0F



# Inverse Universe

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



BF598C



F759A8



BF5959



5E555A



9E004F



1F000F



# Previews

## White Background



This preview shows how the Hex color 59BF8C looks on a white background.

## Color Contrast Check

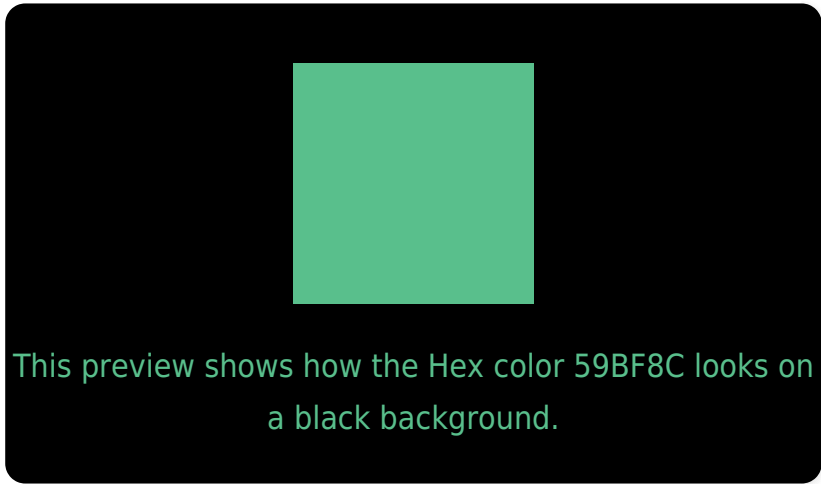
Large Text (above 18pt) WCAG AA × Fail

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

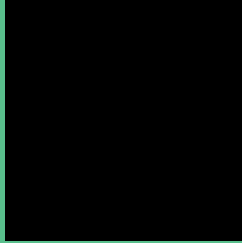
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59BF8C Background



This preview shows how black text looks on a background with the Hex color 59BF8C.

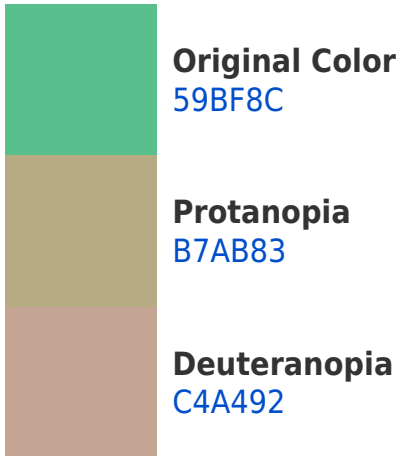


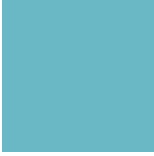
This preview shows how white text looks on a background with the Hex color 59BF8C.

# 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](#).

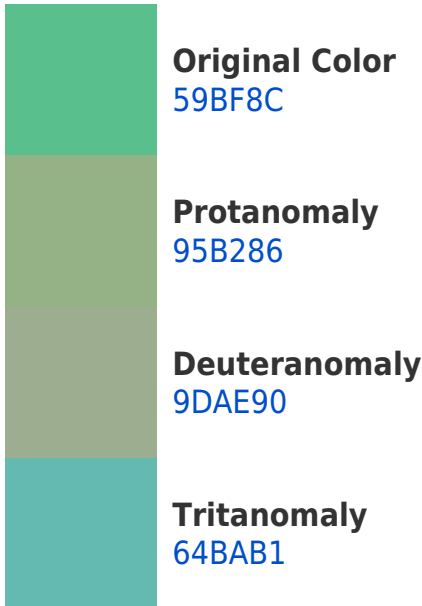
## Dichromacy





**Tritanopia**  
6AB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59BF8C 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 #59BF8C looks like.

```
.text, #text, p{  
    color:#59BF8C  
}
```

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 #59BF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BF8C
}
```

## Border

The CSS property to change the border of an element to Hex 59BF8C 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
#59BF8C }
```

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

```
.border{ border-color:#59BF8C }
```

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

Here you see how a box with a 4 pixel #59BF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BF8C; -webkit-box-shadow:4px 4px  
4px 4px #59BF8C; box-shadow:4px 4px 4px  
4px #59BF8C }
```

# Background

The CSS property to change the background color of an element to Hex 59BF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BF8C }
```

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

```
.background{ background-color:#59BF8C }
```

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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