

# Converting Colors

Hex(59B98D)

Have a look what the booklet for  
Hex(59B98D) contains.

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**Color**

**Hex(59B98D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59B98D
RGB	89, 185, 141
RGB Percent	35%, 73%, 55%
CMY	0.6510, 0.2745, 0.4471
CMYK	0.52, 0.00, 0.24, 0.27
HSL	153°, 41%, 54%
HSV	153°, 52%, 73%
XYZ	26.2765, 38.7449, 31.2929
YIQ	151.2800, -43.0920, -34.0360

# Conversions

## Conversions Part 2

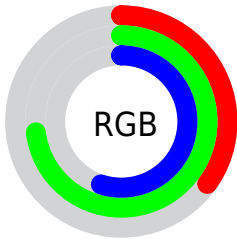
Format	Color
<b>RYB</b>	89, 151, 185
Decimal	5880205
CIELab	68.57, -38.79, 13.82
CIELCh	69, 41.175, 160.391
Yxy	38.7449, 0.2728, 0.4023
Android (android.graphics.Color)	4284070285 (0xFF59B98D)
YUV	151.2800, -5.0680, -54.6196
Hunter-Lab	62.2454, -33.5767, 13.7646

# Details

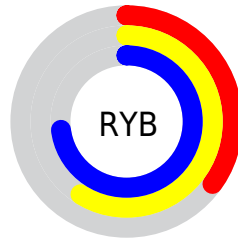
The Hex color **59B98D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B95985**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **91F2C3**, and **1A835B** is the 20% darker color. If you saturate the color by 10%, you get **46B985**, and if you desaturate by 10%, it is **6BB995**.

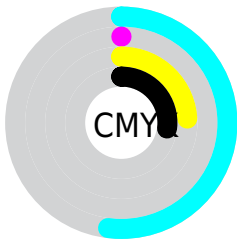
# Distribution



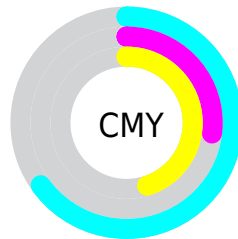
- Red (35%)
- Green (73%)
- Blue (55%)



- Red (35%)
- Yellow (59%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59B98D 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 59B98D by changing the saturation by 10% instead.




 59B98D

 59B98D

FFFFFF

 3C9E73

 91F2C3

 1A835B

 ADFFDF

 006943

 CAFFFB

 00502D

 E7FFFF

 003918

 002400

 000000

 59B98D

 59B98D


 46B985

 6BB995

 34B97C

 7EB99E

 21B974

 91B9A6

 0FB96B

 A3B9AF

 00B964

 B5B9B7

 C8B9C0

 DBB9C8

 EDB9D1

 FFB9D9

# Harmonies

## Analogous

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



8AB36D



59B98D



00BBB3

# Triad

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



59B98D



85A7F0



E99079

# Complementary

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



59B98D



B95985

# 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.



EF8A9C



59B98D



BC99E0

# Square

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



59B98D



39B2ED



E08DC1



D49C61

# Rectangle

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



59B98D



00BACC



E08DC1



ED8D84



# Sweetspot

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



59B98D



C9F0DE



86B959



61786D



F7F7F7



787878



# Same Dimension

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



59B98D



5BF0AC



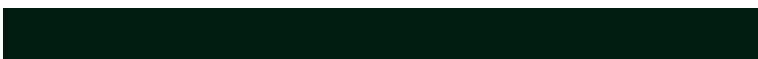
59B6B9



535C58



009C54



001C0F



# Inverse Universe

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



B95985



F05B9F



B95C59



5C5357



9C0047



1C000D



# Previews

## White Background



This preview shows how the Hex color 59B98D looks on a white background.

## Color Contrast Check

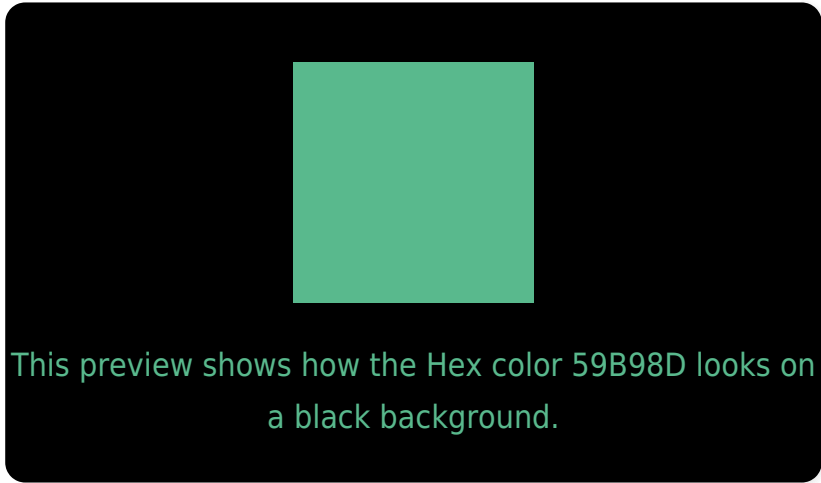
Large Text (above 18pt) WCAG AA × Fail

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

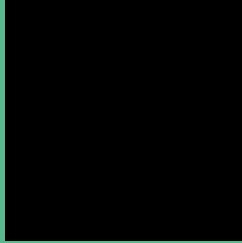
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59B98D Background



This preview shows how black text looks on a background with the Hex color 59B98D.

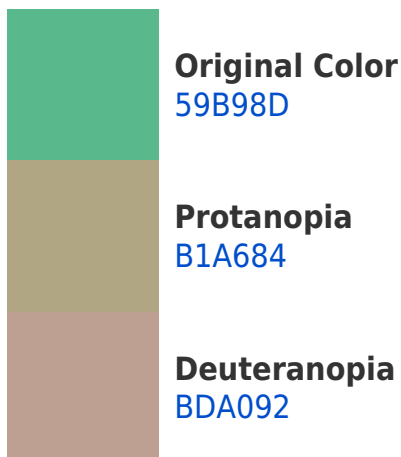


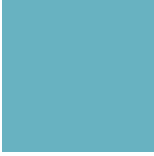
This preview shows how white text looks on a background with the Hex color 59B98D.

# 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**  
68B2C1

# Trichromacy



**Original Color**  
59B98D



**Protanomaly**  
91AD87



**Deuteranomaly**  
99A990



**Tritanomaly**  
63B5AE

# Monochromacy



**Original Color**  
59B98D



**Achromatopsia**  
979797



**Achromatomaly**  
80A393

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59B98D 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 #59B98D looks like.

```
.text, #text, p{  
    color:#59B98D  
}
```

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 #59B98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B98D
}
```

## Border

The CSS property to change the border of an element to Hex 59B98D 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
#59B98D }
```

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

```
.border{ border-color:#59B98D }
```

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

Here you see how a box with a 4 pixel #59B98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B98D; -webkit-box-shadow:4px 4px  
4px 4px #59B98D; box-shadow:4px 4px 4px  
4px #59B98D }
```

# Background

The CSS property to change the background color of an element to Hex 59B98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B98D }
```

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

```
.background{ background-color:#59B98D }
```

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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