

# Converting Colors

Hex(59B9B4)

Have a look what the booklet for  
Hex(59B9B4) contains.

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**Color**

**Hex(59B9B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59B9B4
RGB	89, 185, 180
RGB Percent	35%, 73%, 71%
CMY	0.6510, 0.2745, 0.2941
CMYK	0.52, 0.00, 0.03, 0.27
HSL	177°, 41%, 54%
HSV	177°, 52%, 73%
XYZ	29.7070, 40.1171, 49.3577
YIQ	155.7260, -55.6110, -21.9070

# Conversions

## Conversions Part 2

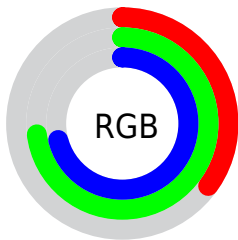
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 138, 185
Decimal	5880244
CIELab	69.55, -29.44, -6.13
CIElCh	70, 30.073, 191.765
Yxy	40.1171, 0.2493, 0.3366
Android (android.graphics.Color)	4284070324 (0xFF59B9B4)
YUV	155.7260, 11.9671, -58.5187
Hunter-Lab	63.3380, -27.1209, -1.8665

# Details

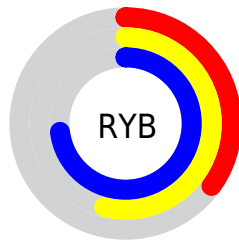
The Hex color **59B9B4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B9595E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **92F1EC**, and **15837F** is the 20% darker color. If you saturate the color by 10%, you get **46B9B3**, and if you desaturate by 10%, it is **6BB9B5**.

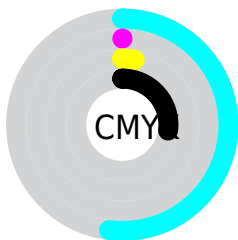
# Distribution



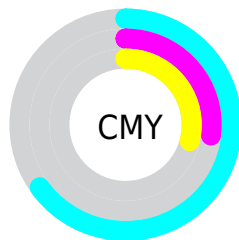
- Red (35%)
- Green (73%)
- Blue (71%)



- Red (35%)
- Yellow (54%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59B9B4 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 59B9B4 by changing the saturation by 10% instead.



 59B9B4

 59B9B4

FFFFFF

 3B9E99

 92F1EC

 15837F

 AFFFFFFF

 006A66

 CCFFFF

 00514E

 EAFFFF

 003A38

 002422

 00010D

 000000

 59B9B4

 59B9B4


 46B9B3

 6BB9B5

 34B9B2

 7EB9B6

 21B9B1

 91B9B7

 0FB9B0

 A3B9B8

 00B9AF

 B5B9B9

 C8B9BA

 DBB9BB

 EDB9BC

 FFB9BD

# Harmonies

## Analogous

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



74B898



59B9B4



54B7CD

# Triad

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



59B9B4



BB9FD3



CCA277

# Complementary

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



59B9B4



B9595E

# 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.



DC9A87



59B9B4



D598BC

# Square

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



59B9B4



96A9DF



E096A0



B2AC74

# Rectangle

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



59B9B4



63B4D9



E096A0



D29F7B



# Sweetspot

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



59B9B4



C9F0EE



5FB959



617877



F7F7F7



787878



# Same Dimension

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



59B9B4



5BF0E8



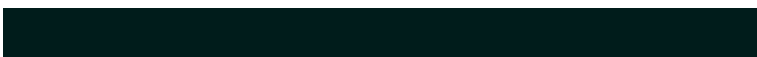
598FB9



535C5B



009C93



001C1B



# Inverse Universe

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



B9595E



F05B63



B98359



5C5353



9C0008

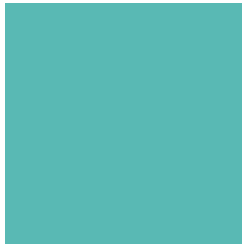


1C0001



# Previews

## White Background



This preview shows how the Hex color 59B9B4 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



This preview shows how the Hex color 59B9B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

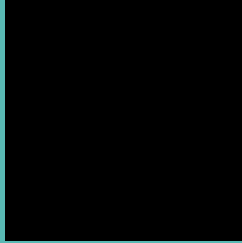
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

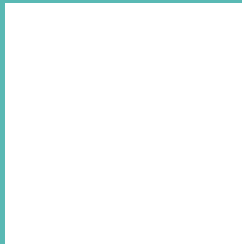
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59B9B4 Background



This preview shows how black text looks on a background with the Hex color 59B9B4.

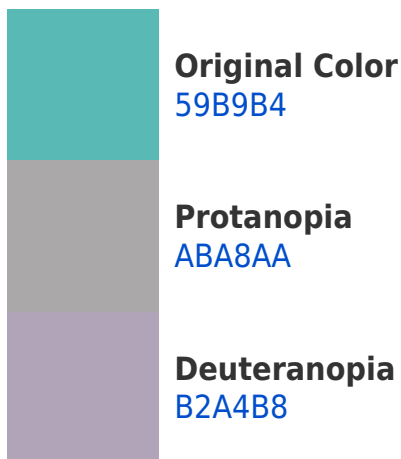


This preview shows how white text looks on a background with the Hex color 59B9B4.

# 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**  
5FB6C5

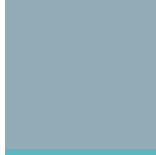
# Trichromacy



**Original Color**  
59B9B4



**Protanomaly**  
8DAEAE



**Deuteranomaly**  
92ACB7



**Tritanomaly**  
5DB7BF

# Monochromacy



**Original Color**  
59B9B4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
84A7A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59B9B4 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 #59B9B4 looks like.

```
.text, #text, p{  
    color:#59B9B4  
}
```

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 #59B9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B9B4
}
```

## Border

The CSS property to change the border of an element to Hex 59B9B4 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
#59B9B4 }
```

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

```
.border{ border-color:#59B9B4 }
```

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

Here you see how a box with a 4 pixel #59B9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B9B4; -webkit-box-shadow:4px 4px  
4px 4px #59B9B4; box-shadow:4px 4px 4px  
4px #59B9B4 }
```

# Background

The CSS property to change the background color of an element to Hex 59B9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B9B4 }
```

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

```
.background{ background-color:#59B9B4 }
```

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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