

# Converting Colors

Hex(5BC7B9)

Have a look what the booklet for  
Hex(5BC7B9) contains.

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**Color**

**Hex(5BC7B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC7B9
RGB	91, 199, 185
RGB Percent	36%, 78%, 73%
CMY	0.6431, 0.2196, 0.2745
CMYK	0.54, 0.00, 0.07, 0.22
HSL	172°, 49%, 57%
HSV	172°, 54%, 78%
XYZ	33.4948, 46.5738, 53.1232
YIQ	165.1120, -59.8740, -27.2500

# Conversions

## Conversions Part 2

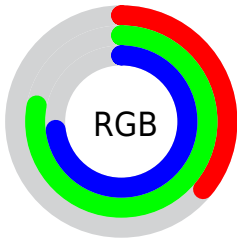
Format	Color
<a href="#">RYB</a>	<a href="#">91, 149, 199</a>
Decimal	<a href="#">6014905</a>
CIELab	<a href="#">73.92, -34.40, -2.42</a>
CIELCh	<a href="#">74, 34.486, 184.024</a>
Yxy	<a href="#">46.5738, 0.2515, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4284204985</a> ( <a href="#">0xFF5BC7B9</a> )
YUV	<a href="#">165.1120, 9.8048, -64.9962</a>
Hunter-Lab	<a href="#">68.2450, -31.8206, 1.6190</a>

# Details

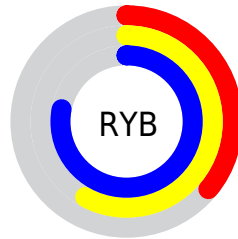
The Hex color **5BC7B9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C75B69**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **95FFF1**, and **129184** is the 20% darker color. If you saturate the color by 10%, you get **47C7B6**, and if you desaturate by 10%, it is **6FC7BC**.

# Distribution



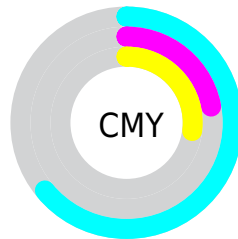
- Red (36%)
- Green (78%)
- Blue (73%)



- Red (36%)
- Yellow (58%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BC7B9 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 5BC7B9 by changing the saturation by 10% instead.



 5BC7B9

 5BC7B9

FFFFFF

 3CAB9E

 95FFF1

 129184

 B3FFFF

 00766B

 D0FFFF

 005D53

 EEEFFF

 00453C

 002E26

 001712

 000000

 5BC7B9

 5BC7B9

 47C7B6

 6FC7BC

 33C7B4

 83C7BE

 1FC7B1

 97C7C1

 0BC7AF

 ABC7C3

 00C7AD

 BFC7C6

 D2C7C8

 E6C7CB

 FAC7CE

 FFC7D0

# Harmonies

## Analogous

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



80C499



5BC7B9



48C6D8

# Triad

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



5BC7B9



BFACEA



E2AA7E

# Complementary

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



5BC7B9



C75B69

# 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.



F2A194



5BC7B9



E2A2D2

# Square

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



5BC7B9



91B7F4



F39EB3



C7B576

# Rectangle

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



5BC7B9



54C3E8



F39EB3



E9A784

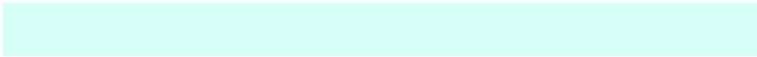


# Sweetspot

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



5BC7B9



D6FFFA



69C75B



67807C



000000



808080



# Same Dimension

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



5BC7B9



59FFEA



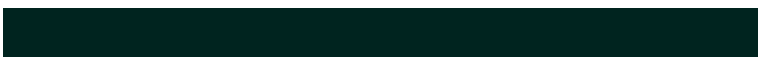
5B9FC7



5A6362



00A38E



00241F



# Inverse Universe

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



C75B69



FF596F



C7835B



635A5B



A30015

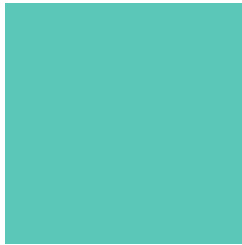


240005



# Previews

## White Background



This preview shows how the Hex color 5BC7B9 looks on a white background.

## Color Contrast Check

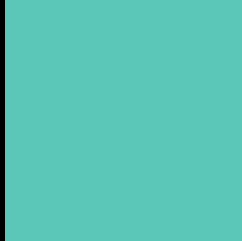
Large Text (above 18pt) WCAG AA × Fail

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 5BC7B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

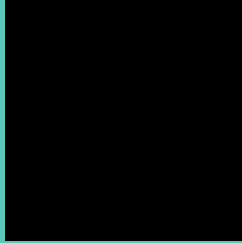
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

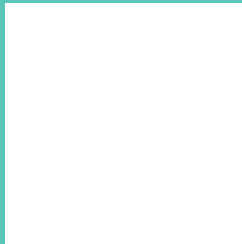
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BC7B9 Background



This preview shows how black text looks on a background with the Hex color 5BC7B9.

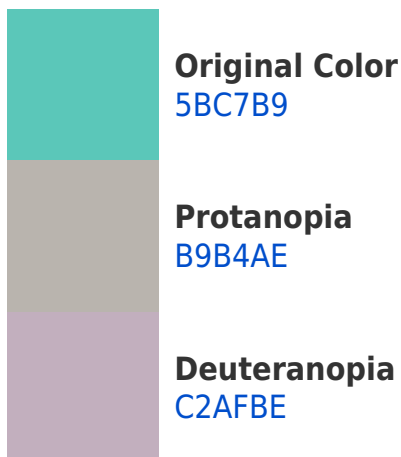


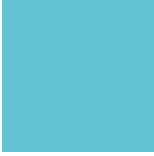
This preview shows how white text looks on a background with the Hex color 5BC7B9.

# 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](#).

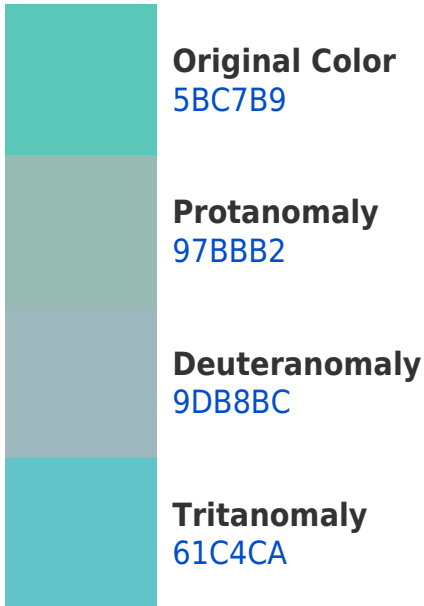
## Dichromacy



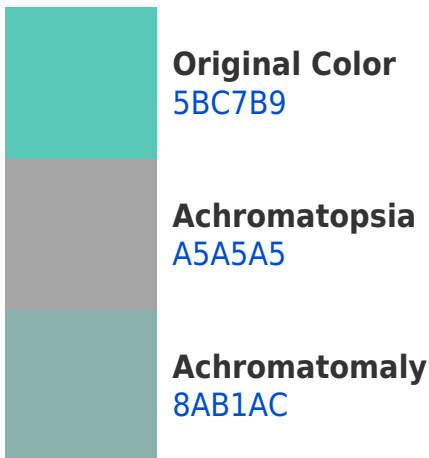


**Tritanopia**  
64C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BC7B9 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 #5BC7B9 looks like.

```
.text, #text, p{  
    color:#5BC7B9  
}
```

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 #5BC7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC7B9
}
```

## Border

The CSS property to change the border of an element to Hex 5BC7B9 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
#5BC7B9 }
```

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

```
.border{ border-color:#5BC7B9 }
```

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

Here you see how a box with a 4 pixel #5BC7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC7B9; -webkit-box-shadow:4px 4px  
4px 4px #5BC7B9; box-shadow:4px 4px 4px  
4px #5BC7B9 }
```

# Background

The CSS property to change the background color of an element to Hex 5BC7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC7B9 }
```

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

```
.background{ background-color:#5BC7B9 }
```

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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