

# Converting Colors

Hex(5BC1D9)

Have a look what the booklet for  
Hex(5BC1D9) contains.

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# **Color**

**Hex(5BC1D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC1D9
RGB	91, 193, 217
RGB Percent	36%, 76%, 85%
CMY	0.6431, 0.2431, 0.1490
CMYK	0.58, 0.11, 0.00, 0.15
HSL	191°, 62%, 60%
HSV	191°, 58%, 85%
XYZ	35.9087, 45.3738, 72.5111
YIQ	165.2380, -68.4960, -14.1600

# Conversions

## Conversions Part 2

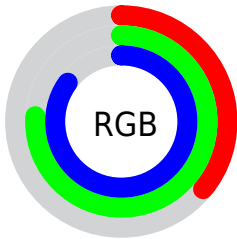
Format	Color
<b>RYB</b>	91, 147, 217
Decimal	6013401
CIELab	73.14, -22.76, -20.97
CIELCh	73, 30.943, 222.660
Yxy	45.3738, 0.2335, 0.2950
Android (android.graphics.Color)	4284203481 (0xFF5BC1D9)
YUV	165.2380, 25.5187, -65.1067
Hunter-Lab	67.3601, -22.7243, -16.6718

# Details

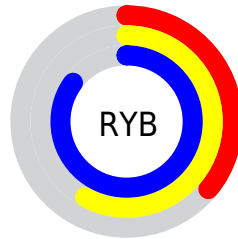
The Hex color **5BC1D9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D9735B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **97FAFF**, and **058BA2** is the 20% darker color. If you saturate the color by 10%, you get **45BDD9**, and if you desaturate by 10%, it is **71C5D9**.

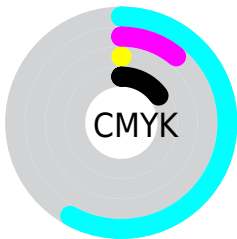
# Distribution



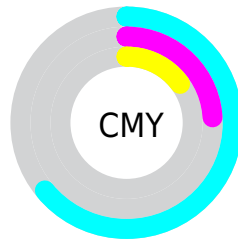
- Red (36%)
- Green (76%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (58%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BC1D9 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 5BC1D9 by changing the saturation by 10% instead.



 5BC1D9

 5BC1D9

FFFFFF

 3AA6BD

 97FAFF

 058BA2

 B5FFFF

 007288

 D2FFFF

 00596E

 F1FFFF

 004156

 002B3F

 001529

 000114

 000000

■ 5BC1D9

■ 5BC1D9

■ 45BDD9

■ 71C5D9

■ 30B9D9

■ 86C9D9

■ 1AB5D9

■ 9CCDD9

■ 04B0D9

■ B2D2D9

■ 00B0D9

■ C8D6D9

■ DDDAD9

■ F3DED9

■ FFE2D9

■ FFE6D9

# Harmonies

## Analogous

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



5FC3BF



5BC1D9



77BBE9

# Triad

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



5BC1D9



E1A0C5



BBB67C

# Complementary

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



5BC1D9



D9735B

# 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.



D6AC7E



5BC1D9



EC9FA8

# Square

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



5BC1D9



C7A8DD



E8A38E



9CBD89

# Rectangle

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



5BC1D9



92B5EC



E8A38E



C5B37B

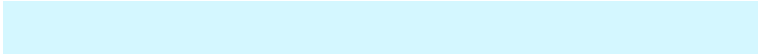


# Sweetspot

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



5BC1D9



D4F7FF



5BD972



667B80



000000



808080



# Same Dimension

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



5BC1D9



4DDDFE



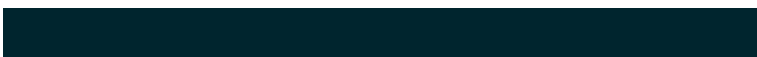
5B83D9



636C6E



008CAD



00252E



# Inverse Universe

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



D95BC1



FF4DDD



D9B15B



6E636C



AD008C

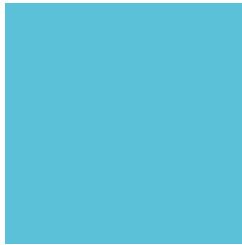


2E0025



# Previews

## White Background



This preview shows how the Hex color 5BC1D9 looks on a white background.

## Color Contrast Check

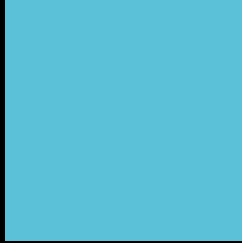
Large Text (above 18pt) WCAG AA × Fail

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 5BC1D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

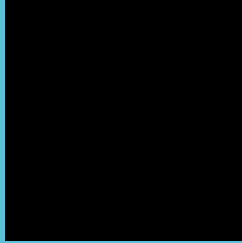
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BC1D9 Background



This preview shows how black text looks on a background with the Hex color 5BC1D9.

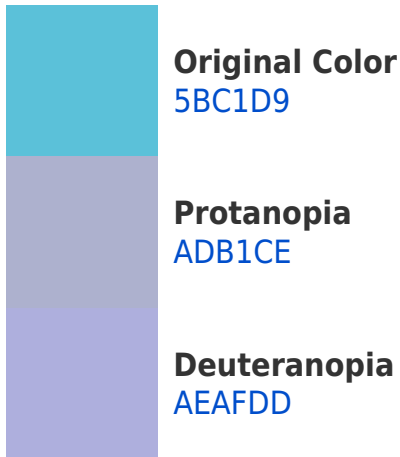


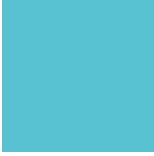
This preview shows how white text looks on a background with the Hex color 5BC1D9.

# 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](#).

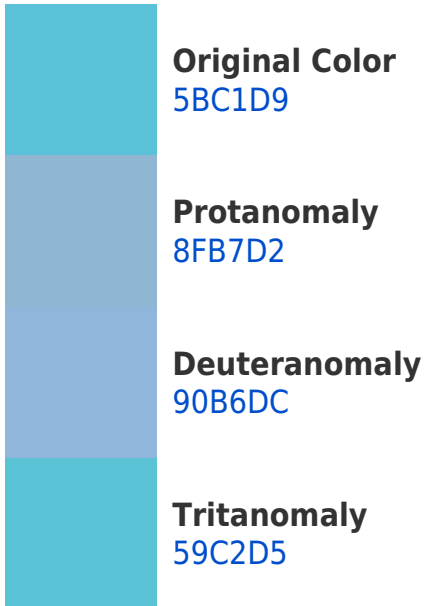
## Dichromacy



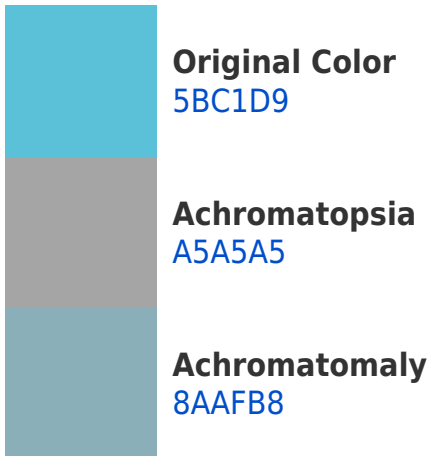


**Tritanopia**  
58C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BC1D9 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 #5BC1D9 looks like.

```
.text, #text, p{  
    color:#5BC1D9  
}
```

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 #5BC1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC1D9
}
```

## Border

The CSS property to change the border of an element to Hex 5BC1D9 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
#5BC1D9 }
```

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

```
.border{ border-color:#5BC1D9 }
```

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

Here you see how a box with a 4 pixel #5BC1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC1D9; -webkit-box-shadow:4px 4px  
4px 4px #5BC1D9; box-shadow:4px 4px 4px  
4px #5BC1D9 }
```

# Background

The CSS property to change the background color of an element to Hex 5BC1D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC1D9 }
```

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

```
.background{ background-color:#5BC1D9 }
```

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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