

Converting Colors

Hex(5BC6C9)

Have a look what the booklet for
Hex(5BC6C9) contains.

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Color

Hex(5BC6C9)

Conversions

Conversions Part 1

Format	Color
Hex	5BC6C9
RGB	91, 198, 201
RGB Percent	36%, 78%, 79%
CMY	0.6431, 0.2235, 0.2118
CMYK	0.55, 0.01, 0.00, 0.21
HSL	182°, 50%, 57%
HSV	182°, 55%, 79%
XYZ	35.0511, 46.8294, 62.4499
YIQ	166.3490, -64.7350, -21.7510

Conversions

Conversions Part 2

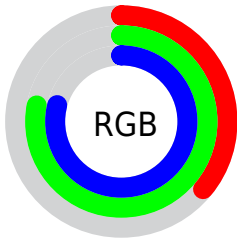
Format	Color
RYB	91, 145, 201
Decimal	6014665
CIELab	74.08, -29.72, -10.86
CIELCh	74, 31.643, 200.071
Yxy	46.8294, 0.2429, 0.3245
Android (android.graphics.Color)	4284204745 (0xFF5BC6C9)
YUV	166.3490, 17.0829, -66.0811
Hunter-Lab	68.4320, -28.3277, -6.2047

Details

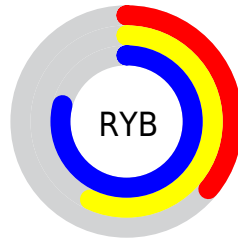
The Hex color **5BC6C9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C95E5B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **96FFFF**, and **0C9093** is the 20% darker color. If you saturate the color by 10%, you get **47C5C9**, and if you desaturate by 10%, it is **6FC7C9**.

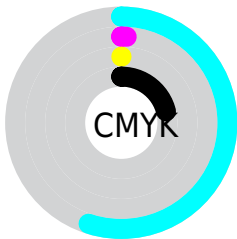
Distribution



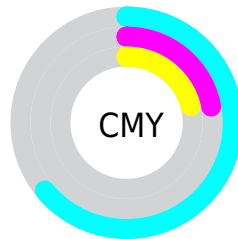
- Red (36%)
- Green (78%)
- Blue (79%)



- Red (36%)
- Yellow (57%)
- Blue (79%)



- Cyan (55%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC6C9 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 5BC6C9 by changing the saturation by 10% instead.

 5BC6C9

 5BC6C9

FFFFFF

 3BAAAE

 96FFFF

 0C9093

 B4FFFF

 007679

 D1FFFF


 005D61

 EFFFFF

 004549

 002D32

 00181D

 000002

 000000

 5BC6C9

 5BC6C9

 47C5C9

 6FC7C9

 33C5C9

 83C7C9

 1FC4C9

 97C8C9

 0BC4C9

 ABC8C9

 00C4C9

 C0C9C9

 D4C9C9

 E8CAC9

 FCCAC9

 FFCBC9

Harmonies

Analogous

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



74C6AB



5BC6C9



5FC3E2

Triad

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



5BC6C9



D2A8DC



D3B17D

Complementary

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



5BC6C9



C95E5B

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.



E8A78B



5BC6C9



E9A1C1

Square

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



5BC6C9



ADB2EC



F0A1A4



B6BA7F

Rectangle

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



5BC6C9



74BEEC



F0A1A4



DBAE80

Sweetspot

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



5BC6C9



D6FEFF



5BC95D



677F80



000000



808080

Same Dimension

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



5BC6C9



57FAFF



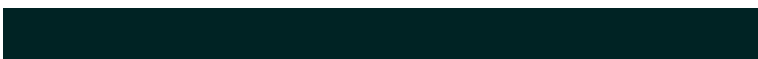
5B90C9



5A6363



009FA3



002324

Inverse Universe

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



C95BC6



FF57FA



C9945B



635A63



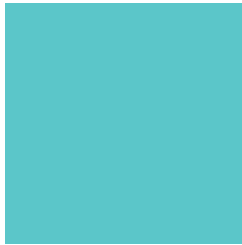
A3009F



240023

Previews

White Background



This preview shows how the Hex color 5BC6C9 looks on a white background.

Color Contrast Check

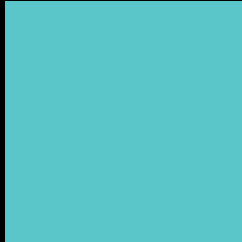
Large Text (above 18pt) WCAG AA × Fail

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 5BC6C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

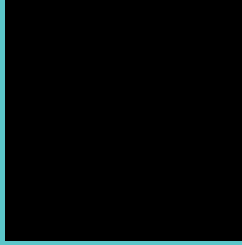
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

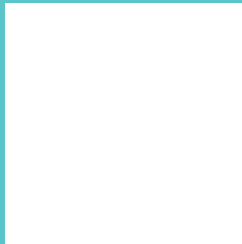
Any Text WCAG AAA ✓ Pass

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

Hex 5BC6C9 Background



This preview shows how black text looks on a background with the Hex color 5BC6C9.

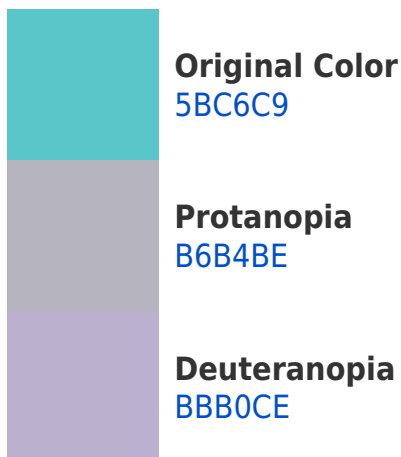


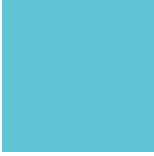
This preview shows how white text looks on a background with the Hex color 5BC6C9.

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](#).

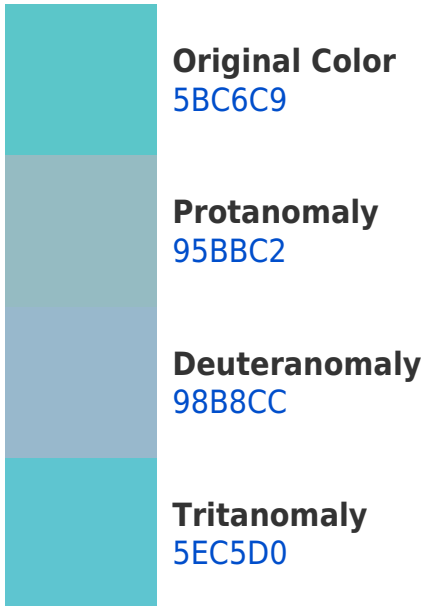
Dichromacy





Tritanopia
5FC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC6C9 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 #5BC6C9 looks like.

```
.text, #text, p{  
    color:#5BC6C9  
}
```

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 #5BC6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC6C9
}
```

Border

The CSS property to change the border of an element to Hex 5BC6C9 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
#5BC6C9 }
```

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

```
.border{ border-color:#5BC6C9 }
```

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

Here you see how a box with a 4 pixel #5BC6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC6C9; -webkit-box-shadow:4px 4px  
4px 4px #5BC6C9; box-shadow:4px 4px 4px  
4px #5BC6C9 }
```

Background

The CSS property to change the background color of an element to Hex 5BC6C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC6C9 }
```

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

```
.background{ background-color:#5BC6C9 }
```

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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