

# Converting Colors

Hex(5CCCB9)

Have a look what the booklet for  
Hex(5CCCB9) contains.

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**Color**

**Hex(5CCCB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CCCB9
RGB	92, 204, 185
RGB Percent	36%, 80%, 73%
CMY	0.6392, 0.2000, 0.2745
CMYK	0.55, 0.00, 0.09, 0.20
HSL	170°, 52%, 58%
HSV	170°, 55%, 80%
XYZ	34.7635, 48.9638, 53.5177
YIQ	168.3460, -60.6530, -29.6530

# Conversions

## Conversions Part 2

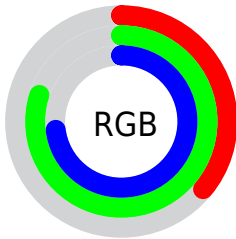
Format	Color
<a href="#">RYB</a>	<a href="#">92, 153, 204</a>
Decimal	<a href="#">6081721</a>
CIELab	<a href="#">75.43, -36.52, -0.20</a>
CIELCh	<a href="#">75, 36.517, 180.316</a>
Yxy	<a href="#">48.9638, 0.2533, 0.3568</a>
Android (android.graphics.Color)	<a href="#">4284271801 (0xFF5CCCB9)</a>
YUV	<a href="#">168.3460, 8.2104, -66.9554</a>
Hunter-Lab	<a href="#">69.9742, -33.7752, 3.6357</a>

# Details

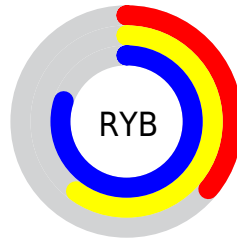
The Hex color **5CCCB9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CC5C6F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FFF1**, and **129584** is the 20% darker color. If you saturate the color by 10%, you get **48CCB6**, and if you desaturate by 10%, it is **70CCBC**.

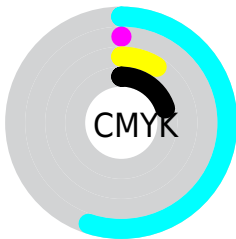
# Distribution



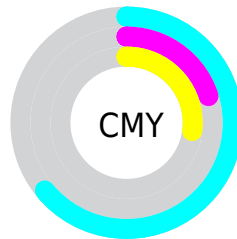
- Red (36%)
- Green (80%)
- Blue (73%)



- Red (36%)
- Yellow (60%)
- Blue (80%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CCCB9 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 5CCCB9 by changing the saturation by 10% instead.



 5CCCB9

 5CCCB9

FFFFFF

 3DB09E

 97FFF1

 129584

 B4FFFF

 007B6B

 D1FFFF

 006153

 EFFFFFF

 00493C

 003126

 001C12

 000000

 5CCCB9

 5CCCB9

 48CCB6

 70CCBC

 33CCB2

 85CCC0

 1FCCAF

 99CCC3

 0ACCAB

 AECCC7

 00CCA9

 C2CCCA

 D6CCCE

 EBCCD1

 FFCCD5

 FFCCD8

# Harmonies

## Analogous

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



85C997



5CCCB9



40CBDB

# Triad

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



5CCCB9



BEB1F4



ECAC80

# Complementary

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



5CCCB9



CC5C6F

# 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.



FBA399



5CCCB9



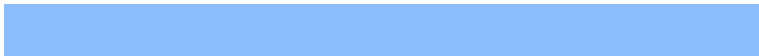
E5A6DC

# Square

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



5CCCB9



8CBDFD



F9A0BB



D0B876

# Rectangle

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



5CCCB9



4AC8ED



F9A0BB



F2A987

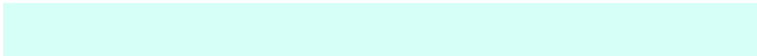


# Sweetspot

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



5CCCB9



D6FFF8



71CC5C



67807B



000000



808080



# Same Dimension

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



5CCCB9



57FFE2



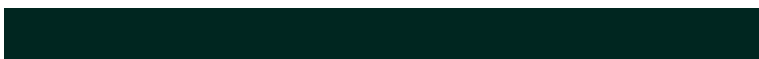
5CA9CC



5C6664



00A68A



002620



# Inverse Universe

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



CC5C6F



FF5773



CC7F5C



665C5E



A6001C

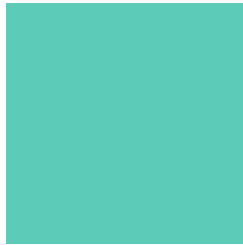


260006



# Previews

## White Background



This preview shows how the Hex color 5CCCB9 looks on a white background.

## Color Contrast Check

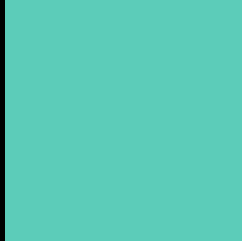
Large Text (above 18pt) WCAG AA × Fail

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 5CCCB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

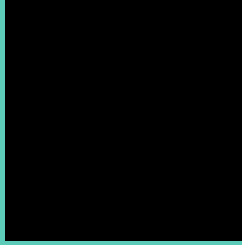
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

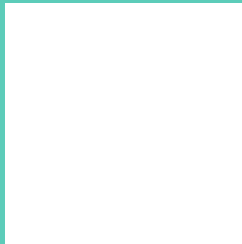
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CCCB9 Background



This preview shows how black text looks on a background with the Hex color 5CCCB9.



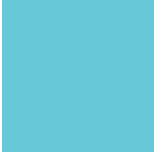
This preview shows how white text looks on a background with the Hex color 5CCCB9.

# 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**  
67C8D8

# Trichromacy



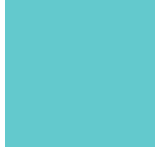
**Original Color**  
5CCCB9



**Protanomaly**  
9ABFB2



**Deuteranomaly**  
A1BCBC

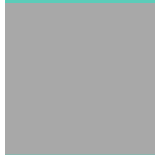


**Tritanomaly**  
63C9CD

# Monochromacy



**Original Color**  
5CCCB9



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8CB5AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CCCB9 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 #5CCCB9 looks like.

```
.text, #text, p{  
    color:#5CCCB9  
}
```

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 #5CCCB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CCCB9
}
```

## Border

The CSS property to change the border of an element to Hex 5CCCB9 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
#5CCCB9 }
```

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

```
.border{ border-color:#5CCCB9 }
```

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

Here you see how a box with a 4 pixel #5CCCB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CCCB9; -webkit-box-shadow:4px 4px  
4px 4px #5CCCB9; box-shadow:4px 4px 4px  
4px #5CCCB9 }
```

# Background

The CSS property to change the background color of an element to Hex 5CCCB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CCCB9 }
```

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

```
.background{ background-color:#5CCCB9 }
```

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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