

# Converting Colors

Hex(55BCCB)

Have a look what the booklet for  
Hex(55BCCB) contains.

<b>Hex(55BCCB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(55BCCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55BCCB
RGB	85, 188, 203
RGB Percent	33%, 74%, 80%
CMY	0.6667, 0.2627, 0.2039
CMYK	0.58, 0.07, 0.00, 0.20
HSL	188°, 53%, 56%
HSV	188°, 58%, 80%
XYZ	32.5090, 42.2095, 62.9338
YIQ	158.9130, -66.2030, -17.1710

# Conversions

## Conversions Part 2

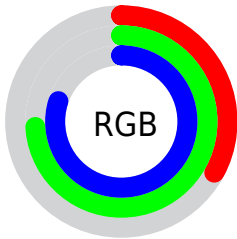
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 140, 203
Decimal	5618891
CIELab	71.02, -25.40, -16.57
CIElCh	71, 30.324, 213.128
Yxy	42.2095, 0.2362, 0.3066
Android (android.graphics.Color)	4283808971 (0xFF55BCCB)
YUV	158.9130, 21.7349, -64.8217
Hunter-Lab	64.9689, -24.3779, -11.9546

# Details

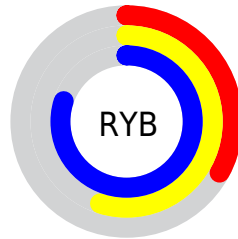
The Hex color **55BCCB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CB6455**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **91F4FF**, and **008695** is the 20% darker color. If you saturate the color by 10%, you get **41B9CB**, and if you desaturate by 10%, it is **69BFCB**.

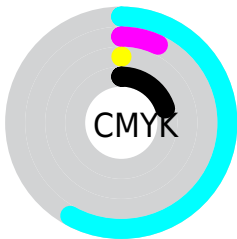
# Distribution



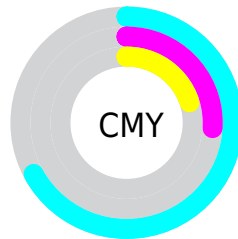
- Red (33%)
- Green (74%)
- Blue (80%)



- Red (33%)
- Yellow (55%)
- Blue (80%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (26%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55BCCB 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 55BCCB by changing the saturation by 10% instead.



 55BCCB

 55BCCB

FFFFFF

 34A1B0

 91F4FF

 008695

 AEFFFF

 006D7B


 CCFFFF

 005462

 EAFFFF

 003D4A

 002734

 00091F

 000003

 000000

 55BCCB

 55BCCB

 41B9CB

 69BFCB

 2CB7CB

 7EC1CB

 18B4CB

 92C4CB

 04B2CB

 A6C6CB

 00B1CB

 BBC9CB

 CFCBCB

 E3CECB

 F7D1CB

 FFD3CB

# Harmonies

## Analogous

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



63BDB0



55BCCB



68B7DE

# Triad

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



55BCCB



D49DC7



BEAD77

# Complementary

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



55BCCB



CB6455

# 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.



D6A47D



55BCCB



E399AC

# Square

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



55BCCB



B6A6DC



E49C91



A1B57F

# Rectangle

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



55BCCB



80B2E4



E49C91



C7AA77

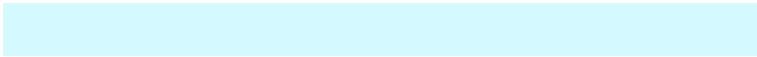


# Sweetspot

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



55BCCB



D4F9FF



55CB63



667C80



000000



808080



# Same Dimension

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



55BCCB



4DE8FF



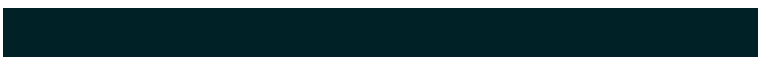
5582CB



5C6566



0091A6



002126



# Inverse Universe

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



CB55BC



FF4DE8



CB9E55



665C65



A60091

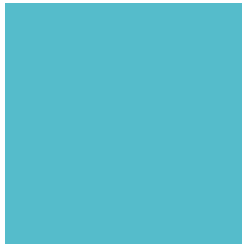


260021



# Previews

## White Background



This preview shows how the Hex color 55BCCB looks on a white background.

## Color Contrast Check

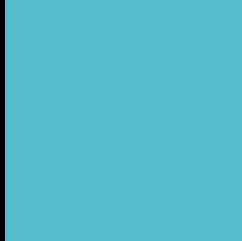
Large Text (above 18pt) WCAG AA × Fail

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 55BCCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

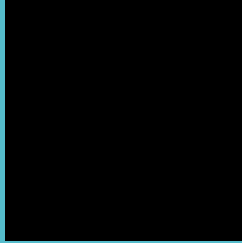
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55BCCB Background



This preview shows how black text looks on a background with the Hex color 55BCCB.

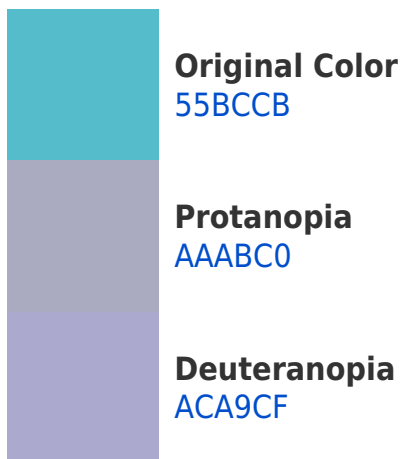


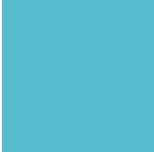
This preview shows how white text looks on a background with the Hex color 55BCCB.

# 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](#).

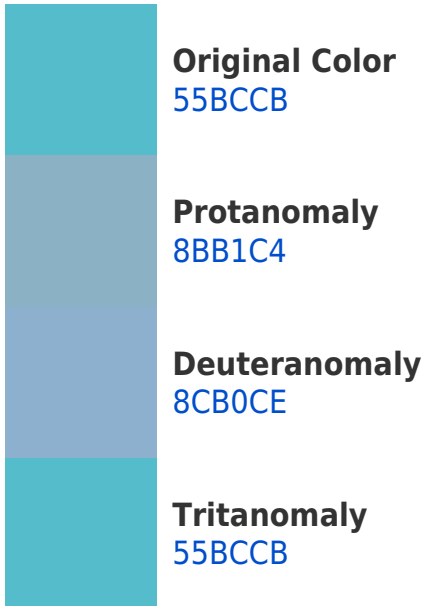
## Dichromacy



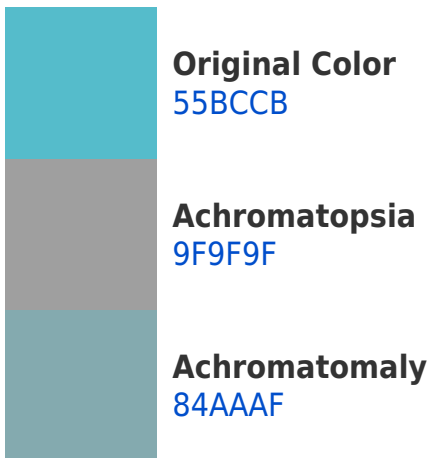


**Tritanopia**  
55BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55BCCB 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 #55BCCB looks like.

```
.text, #text, p{  
    color:#55BCCB  
}
```

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 #55BCCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BCCB
}
```

## Border

The CSS property to change the border of an element to Hex 55BCCB 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
#55BCCB }
```

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

```
.border{ border-color:#55BCCB }
```

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

Here you see how a box with a 4 pixel #55BCCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BCCB; -webkit-box-shadow:4px 4px  
4px 4px #55BCCB; box-shadow:4px 4px 4px  
4px #55BCCB }
```

# Background

The CSS property to change the background color of an element to Hex 55BCCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BCCB }
```

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

```
.background{ background-color:#55BCCB }
```

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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