

# Converting Colors

Hex(5CB1BE)

Have a look what the booklet for  
Hex(5CB1BE) contains.

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# **Color**

**Hex(5CB1BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB1BE
RGB	92, 177, 190
RGB Percent	36%, 69%, 75%
CMY	0.6392, 0.3059, 0.2549
CMYK	0.52, 0.07, 0.00, 0.25
HSL	188°, 43%, 55%
HSV	188°, 52%, 75%
XYZ	29.4300, 37.4373, 54.3902
YIQ	153.0670, -54.8330, -13.9770

# Conversions

## Conversions Part 2

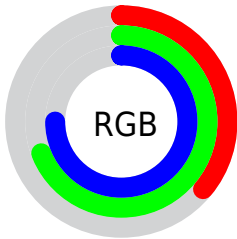
Format	Color
R <sub>Y</sub> B	92, 138, 190
Decimal	6074814
CIE Lab	67.60, -22.10, -14.55
CIE LCh	68, 26.456, 213.354
Yxy	37.4373, 0.2427, 0.3087
Android (android.graphics.Color)	4284264894 (0xFF5CB1BE)
YUV	153.0670, 18.2080, -53.5558
Hunter-Lab	61.1860, -21.2183, -9.8745

# Details

The Hex color **5CB1BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE695C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **95E9F6**, and **1B7C89** is the 20% darker color. If you saturate the color by 10%, you get **49AEBE**, and if you desaturate by 10%, it is **6FB4BE**.

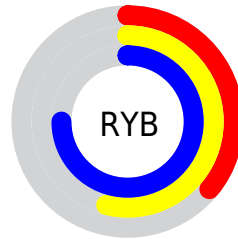
# Distribution



Red (36%)

Green (69%)

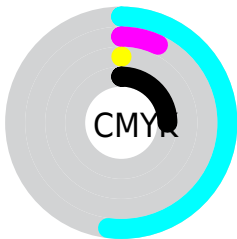
Blue (75%)



Red (36%)

Yellow (54%)

Blue (75%)

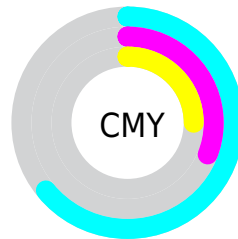


Cyan (52%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (64%)

Magenta (31%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB1BE 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 5CB1BE by changing the saturation by 10% instead.



 5CB1BE

 5CB1BE

FFFFFF

 3E96A3

 95E9F6

 1B7C89

 B2FFFF

 00636F

 CFFFFF

 004B57

 ECFFFF

 003440

 00202A

 000115

 000000

 5CB1BE

 5CB1BE

49AEBE

6FB4BE

36ACBE

82B6BE

23A9BE

95B9BE

10A7BE

A8BBBE

00A5BE

BBBEBE

CEC0BE

E1C3BE

F4C5BE

FFC8BE

# Harmonies

## Analogous

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



66B2A7



5CB1BE



6BADCF

# Triad

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



5CB1BE



C696BA



B3A475

# Complementary

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



5CB1BE



BE695C

# 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.



C89C7B



5CB1BE



D393A3

# Square

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



5CB1BE



AC9ECC



D4958C



99AB7C

# Rectangle

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



5CB1BE



7FA8D4



D4958C



BBA176

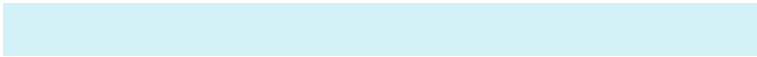


# Sweetspot

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



5CB1BE



D2F2F7



5CBE67



667A7D



FCFCFC



7D7D7D



# Same Dimension

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



5CB1BE



5EE3F7



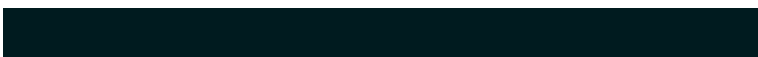
5C82BE



555D5E



00899E



001B1F



# Inverse Universe

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



BE5CB1



F75EE3



BE985C



5E555D



9E0089

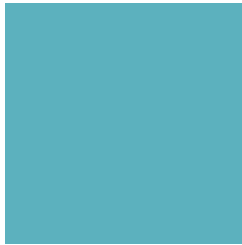


1F001B



# Previews

## White Background



This preview shows how the Hex color 5CB1BE 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 5CB1BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

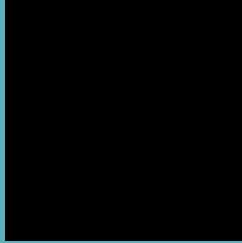
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CB1BE Background



This preview shows how black text looks on a background with the Hex color 5CB1BE.

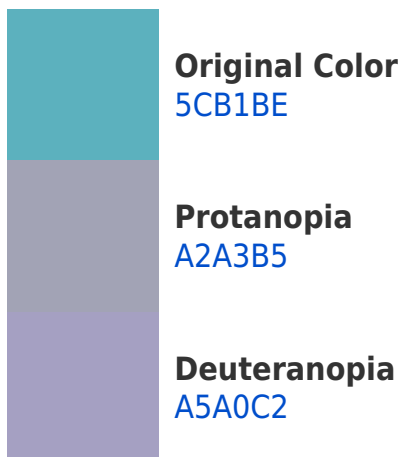


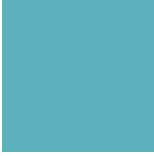
This preview shows how white text looks on a background with the Hex color 5CB1BE.

# 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](#).

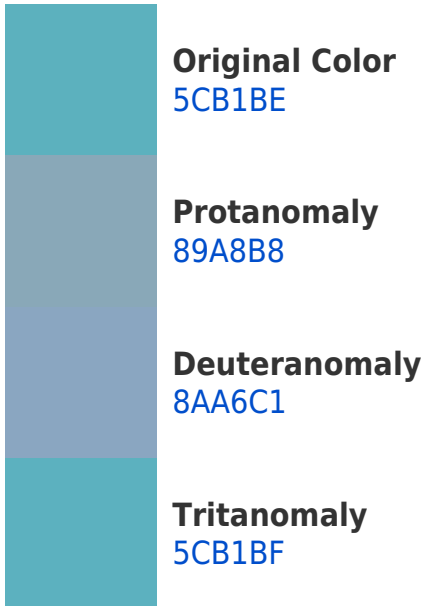
## Dichromacy





**Tritanopia**  
5CB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB1BE 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 #5CB1BE looks like.

```
.text, #text, p{  
    color:#5CB1BE  
}
```

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 #5CB1BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB1BE
}
```

## Border

The CSS property to change the border of an element to Hex 5CB1BE 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
#5CB1BE }
```

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

```
.border{ border-color:#5CB1BE }
```

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

Here you see how a box with a 4 pixel #5CB1BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB1BE; -webkit-box-shadow:4px 4px  
4px 4px #5CB1BE; box-shadow:4px 4px 4px  
4px #5CB1BE }
```

# Background

The CSS property to change the background color of an element to Hex 5CB1BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB1BE }
```

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

```
.background{ background-color:#5CB1BE }
```

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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