

# Converting Colors

Hex(5CB5C1)

Have a look what the booklet for  
Hex(5CB5C1) contains.

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# **Color**

**Hex(5CB5C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB5C1
RGB	92, 181, 193
RGB Percent	36%, 71%, 76%
CMY	0.6392, 0.2902, 0.2431
CMYK	0.52, 0.06, 0.00, 0.24
HSL	187°, 45%, 56%
HSV	187°, 52%, 76%
XYZ	30.5631, 39.1733, 56.4024
YIQ	155.7570, -56.8960, -15.1360

# Conversions

## Conversions Part 2

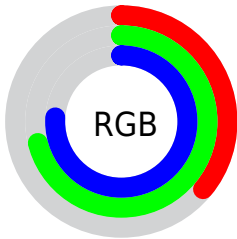
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 139, 193
Decimal	6075841
CIE <sub>Lab</sub>	68.88, -23.30, -14.28
CIE <sub>LCh</sub>	69, 27.329, 211.513
Yxy	39.1733, 0.2423, 0.3106
Android (android.graphics.Color)	4284265921 (0xFF5CB5C1)
YUV	155.7570, 18.3608, -55.9149
Hunter-Lab	62.5886, -22.3652, -9.6179

# Details

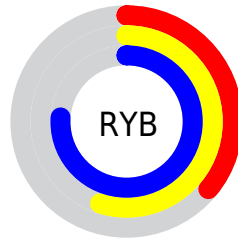
The Hex color **5CB5C1** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C1685C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **95EDF9**, and **19808B** is the 20% darker color. If you saturate the color by 10%, you get **49B3C1**, and if you desaturate by 10%, it is **6FB7C1**.

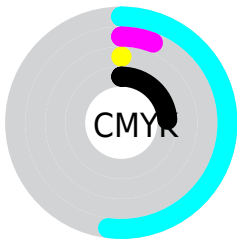
# Distribution



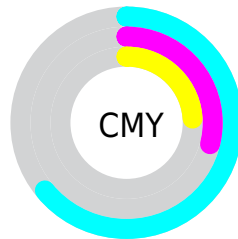
- Red (36%)
- Green (71%)
- Blue (76%)



- Red (36%)
- Yellow (55%)
- Blue (76%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (29%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB5C1 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 5CB5C1 by changing the saturation by 10% instead.



5CB5C1

5CB5C1

FFFFFF

3E9AA6

95EDF9

19808B

B2FFFF

006772

CFFFFFF

004E59

EDFFFF

003742

00222C

000118

000000

5CB5C1

5CB5C1

■ 49B3C1

■ 6FB7C1

■ 35B0C1

■ 83BAC1

■ 22AEC1

■ 96BCC1

■ 0FACC1

■ A9BEC1

■ 00AAC1

■ BDC0C1

■ D0C3C1

■ E3C5C1

■ F6C7C1

■ FFCAC1

# Harmonies

## Analogous

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



68B6A8



5CB5C1



6AB1D3

# Triad

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



5CB5C1



C99AC0



B9A777

# Complementary

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



5CB5C1



C1685C

# 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.



CD9F7D



5CB5C1



D896A8

# Square

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



5CB5C1



ADA1D2



D9988F



9EAE7D

# Rectangle

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



5CB5C1



7FADD8



D9988F



C0A477



# Sweetspot

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



5CB5C1



D2F5FA



5CC168



657A7D



FCFCFC



7D7D7D



# Same Dimension

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



5CB5C1



5CE7FA



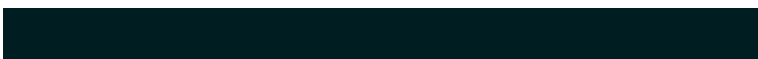
5C83C1



576061



008EA1



001D21



# Inverse Universe

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



C15CB5



FA5CE7



C19A5C



615760



A1008E

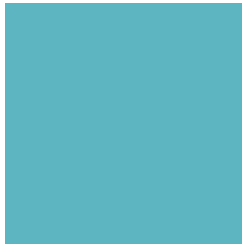


21001D



# Previews

## White Background



This preview shows how the Hex color 5CB5C1 looks on a white background.

## Color Contrast Check

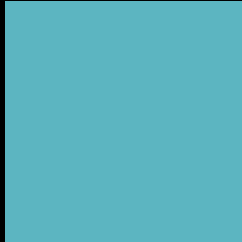
Large Text (above 18pt) WCAG AA × Fail

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 5CB5C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

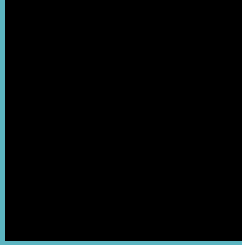
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CB5C1 Background



This preview shows how black text looks on a background with the Hex color 5CB5C1.

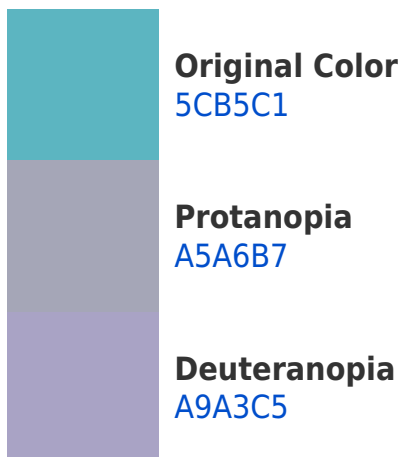


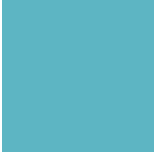
This preview shows how white text looks on a background with the Hex color 5CB5C1.

# 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](#).

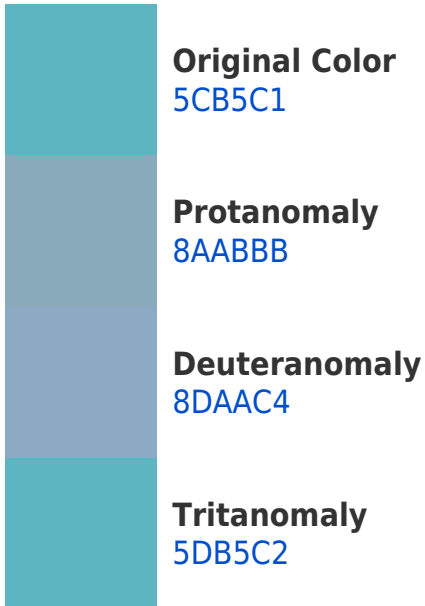
## Dichromacy



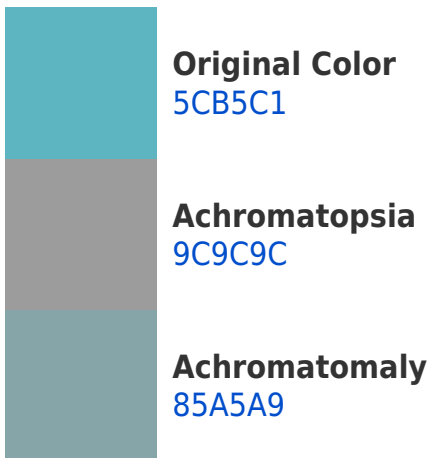


**Tritanopia**  
5DB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB5C1 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 #5CB5C1 looks like.

```
.text, #text, p{  
    color:#5CB5C1  
}
```

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 #5CB5C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB5C1
}
```

## Border

The CSS property to change the border of an element to Hex 5CB5C1 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
#5CB5C1 }
```

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

```
.border{ border-color:#5CB5C1 }
```

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

Here you see how a box with a 4 pixel #5CB5C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB5C1; -webkit-box-shadow:4px 4px  
4px 4px #5CB5C1; box-shadow:4px 4px 4px  
4px #5CB5C1 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB5C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB5C1 }
```

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

```
.background{ background-color:#5CB5C1 }
```

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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