

# Converting Colors

Hex(5CB8B8)

Have a look what the booklet for  
Hex(5CB8B8) contains.

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**Color**

**Hex(5CB8B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB8B8
RGB	92, 184, 184
RGB Percent	36%, 72%, 72%
CMY	0.6392, 0.2784, 0.2784
CMYK	0.50, 0.00, 0.00, 0.28
HSL	180°, 39%, 54%
HSV	180°, 50%, 72%
XYZ	30.2059, 40.0170, 51.4794
YIQ	156.4920, -54.8320, -19.5040

# Conversions

## Conversions Part 2

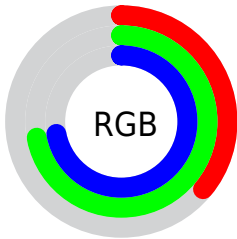
Format	Color
<a href="#">RYB</a>	<a href="#">92, 138, 184</a>
Decimal	<a href="#">6076600</a>
CIELab	<a href="#">69.48, -27.25, -8.43</a>
CIElCh	<a href="#">69, 28.519, 197.183</a>
Yxy	<a href="#">40.0170, 0.2482, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4284266680 (0xFF5CB8B8)</a>
YUV	<a href="#">156.4920, 13.5614, -56.5595</a>
Hunter-Lab	<a href="#">63.2590, -25.4703, -3.9682</a>

# Details

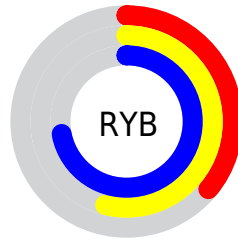
The Hex color **5CB8B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B85C5C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **95F0F0**, and **1B8383** is the 20% darker color. If you saturate the color by 10%, you get **4AB8B8**, and if you desaturate by 10%, it is **6EB8B8**.

# Distribution



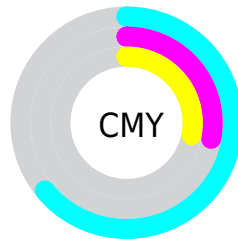
- Red (36%)
- Green (72%)
- Blue (72%)



- Red (36%)
- Yellow (54%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB8B8 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 5CB8B8 by changing the saturation by 10% instead.



 5CB8B8

 5CB8B8

FFFFFF

 3E9D9D

 95F0F0

 1B8383

 B2FFFF

 00696A

 CFFFFFF

 005152

 EFFFFFF

 00393B

 002425

 000111

 000000

 5CB8B8

 5CB8B8

 4AB8B8

 6EB8B8

 37B8B8

 81B8B8

 25B8B8

 93B8B8

 12B8B8

 A6B8B8

 00B8B8

 B8B8B8

 CAB8B8

 DDB8B8

 EFB8B8

 FFB8B8

# Harmonies

## Analogous

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



72B79D



5CB8B8



5DB5CF

# Triad

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



5CB8B8



C09ECD



C6A478

# Complementary

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



5CB8B8



B85C5C

# 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.



D89C85



5CB8B8



D698B6

# Square

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



5CB8B8



9EA7DB



DE979C



ADAD78

# Rectangle

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



5CB8B8



6DB2D9



DE979C



CDA17B

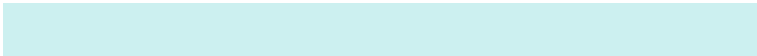


# Sweetspot

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



5CB8B8



CCF0F0



5CB85C



627878



F7F7F7



787878



# Same Dimension

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



5CB8B8



60F0F0



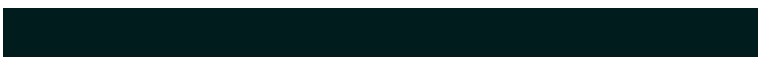
5C8AB8



535C5C



009C9C



001C1C



# Inverse Universe

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



B85CB8



F060F0



B88A5C



5C535C



9C009C

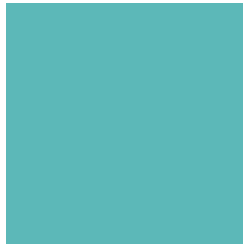


1C001C



# Previews

## White Background



This preview shows how the Hex color 5CB8B8 looks on a white background.

## Color Contrast Check

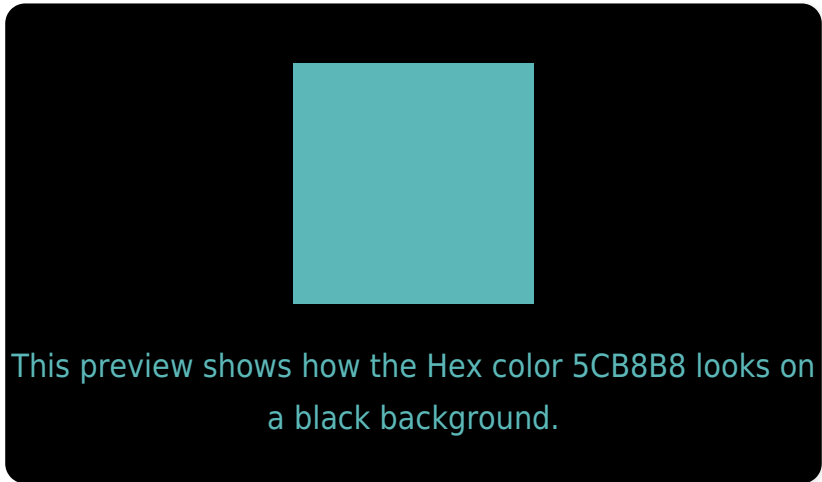
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

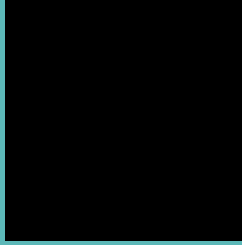
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

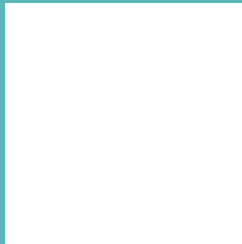
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CB8B8 Background



This preview shows how black text looks on a background with the Hex color 5CB8B8.

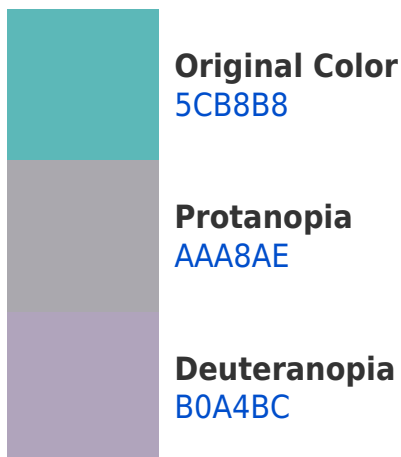


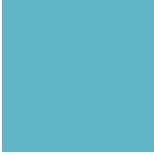
This preview shows how white text looks on a background with the Hex color 5CB8B8.

# 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**  
60B6C5

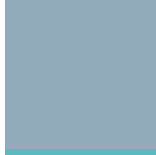
# Trichromacy



**Original Color**  
5CB8B8



**Protanomaly**  
8EAEB2



**Deuteranomaly**  
91ABBB



**Tritanomaly**  
5FB7C0

# Monochromacy



**Original Color**  
5CB8B8



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
85A6A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB8B8 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 #5CB8B8 looks like.

```
.text, #text, p{  
    color:#5CB8B8  
}
```

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 #5CB8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB8B8
}
```

## Border

The CSS property to change the border of an element to Hex 5CB8B8 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
#5CB8B8 }
```

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

```
.border{ border-color:#5CB8B8 }
```

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

Here you see how a box with a 4 pixel #5CB8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB8B8; -webkit-box-shadow:4px 4px  
4px 4px #5CB8B8; box-shadow:4px 4px 4px  
4px #5CB8B8 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB8B8 }
```

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

```
.background{ background-color:#5CB8B8 }
```

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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