

# Converting Colors

Hex(5CBEBA)

Have a look what the booklet for  
Hex(5CBEB4) contains.

<b>Hex(5CBEB4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(5CBEBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CBEBA
RGB	92, 190, 186
RGB Percent	36%, 75%, 73%
CMY	0.6392, 0.2549, 0.2706
CMYK	0.52, 0.00, 0.02, 0.25
HSL	178°, 43%, 55%
HSV	178°, 52%, 75%
XYZ	31.6900, 42.6474, 53.0159
YIQ	160.2420, -57.1240, -22.0200

# Conversions

## Conversions Part 2

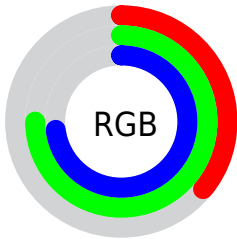
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 142, 190
Decimal	6078138
CIELab	71.31, -29.65, -6.80
CIELCh	71, 30.419, 192.916
Yxy	42.6474, 0.2488, 0.3349
Android (android.graphics.Color)	4284268218 (0xFF5CBEB4)
YUV	160.2420, 12.6987, -59.8482
Hunter-Lab	65.3050, -27.6645, -2.4193

# Details

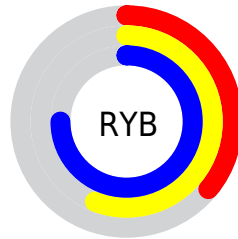
The Hex color **5CBEBA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE5C60**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **96F7F2**, and **188885** is the 20% darker color. If you saturate the color by 10%, you get **49BEB9**, and if you desaturate by 10%, it is **6FBEBB**.

# Distribution



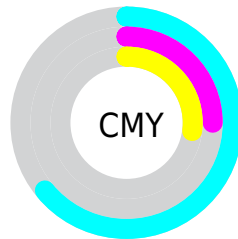
- Red (36%)
- Green (75%)
- Blue (73%)



- Red (36%)
- Yellow (56%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CBEB4 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 5CBEB4 by changing the saturation by 10% instead.



 5CBEBA

 5CBEBA

FFFFFF

 3EA39F

 96F7F2

 188885

 B2FFFF

 006E6C

 D0FFFF

 005654

 EDFFFF

 003E3D

 002827

 000A13

 000000

 5CBEBA

 5CBEBA

 49BEB9

 6FBEBB

 36BEB8

 82BEB8

 23BEB8

 95BEB8

 10BEB7

 A8BEBD

 00BEB6

 BBEBE

 CEBEBF

 E1BEBF

 F4BEC0

 FFBE1

# Harmonies

## Analogous

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



77BD9D



5CBEB4



58BCD3

# Triad

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



5CBEBA



C2A3D7



D0A77A

# Complementary

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



5CBEBA



BE5C60

# 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.



E29F8A



5CBEB4



DB9CC0

# Square

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



5CBEBA



9CADE4



E69AA3



B6B178

# Rectangle

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



5CBEB4



68B8DF



E69AA3



D7A47E



# Sweetspot

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



5CBEB4



D2F7F6



61BE5C



667D7C



FCFCFC



7D7D7D



# Same Dimension

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



5CBEBA



5EF7F1



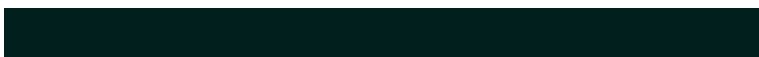
5C92BE



555E5E



009E98



001F1D



# Inverse Universe

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



BE5C60



F75E64



BE885C



5E5555



9E0006



1F0001



# Previews

## White Background



This preview shows how the Hex color 5CBEB4 looks on a white background.

## Color Contrast Check

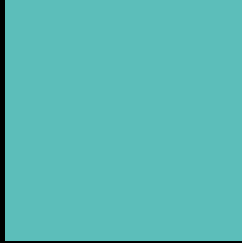
Large Text (above 18pt) WCAG AA × Fail

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 5CBEBA 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 5CBEBA Background



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

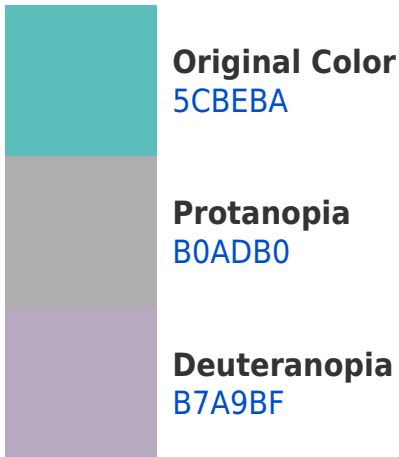


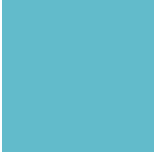
This preview shows how white text looks on a background with the Hex color 5CBEBA.

# 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**  
62BBCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5CBEBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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