

Converting Colors

Hex(50BEC3)

Have a look what the booklet for
Hex(50BEC3) contains.

Hex(50BEC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50BEC3)

Conversions

Conversions Part 1

Format	Color
Hex	50BEC3
RGB	80, 190, 195
RGB Percent	31%, 75%, 76%
CMY	0.6863, 0.2549, 0.2353
CMYK	0.59, 0.03, 0.00, 0.24
HSL	183°, 49%, 54%
HSV	183°, 59%, 76%
XYZ	31.5720, 42.4725, 58.1638
YIQ	157.6800, -67.1650, -21.7650

Conversions

Conversions Part 2

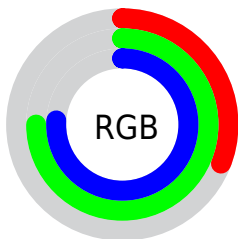
Format	Color
R _Y B	80, 136, 195
Decimal	5291715
CIE Lab	71.20, -29.56, -11.94
CIE LCh	71, 31.885, 201.994
Yxy	42.4725, 0.2388, 0.3213
Android (android.graphics.Color)	4283481795 (0xFF50BEC3)
YUV	157.6800, 18.3988, -68.1254
Hunter-Lab	65.1709, -27.5749, -7.2955

Details

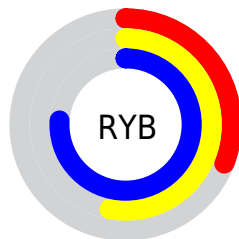
The Hex color **50BEC3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C35550**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8CF7FC**, and **00888D** is the 20% darker color. If you saturate the color by 10%, you get **3DBDC3**, and if you desaturate by 10%, it is **63BFC3**.

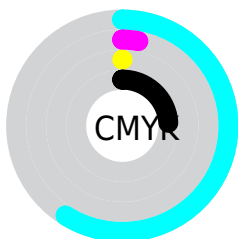
Distribution



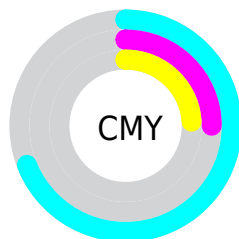
- Red (31%)
- Green (75%)
- Blue (76%)



- Red (31%)
- Yellow (53%)
- Blue (76%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50BEC3 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 50BEC3 by changing the saturation by 10% instead.

 50BEC3

 50BEC3

FFFFFF

 2DA3A8

 8CF7FC

 00888D

 AAFFFF

 006E74

 C7FFFF

 00565B

 E5FFFF

 003E44

 00282E

 000A1A

 000000

 50BEC3

 50BEC3

3DBDC3

63BFC3

29BCC3

77C0C3

15BBC3

8AC1C3

02BBC3

9EC1C3

00BBC3

B2C2C3

C5C3C3

D9C4C3

ECC5C3

FFC6C3

Harmonies

Analogous

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



69BEA5



50BEC3



57BBDB

Triad

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



50BEC3



CCA0D2



CAAA75

Complementary

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



50BEC3



C35550

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.



DFA082



50BEC3



E299B7

Square

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



50BEC3



A7AAE4



E8999A



ACB378

Rectangle

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



50BEC3



6EB6E5



E8999A



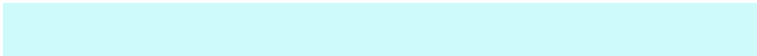
D2A678

Sweetspot

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



50BEC3



CFFAFC



50C354



637E80



000000



808080

Same Dimension

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



50BEC3



49F5FC



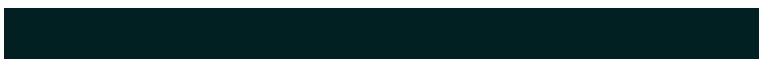
5086C3



576061



009AA1



002021

Inverse Universe

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



C350BE



FC49F5



C38D50



615760



A1009A



210020

Previews

White Background



This preview shows how the Hex color 50BEC3 looks on a white background.

Color Contrast Check

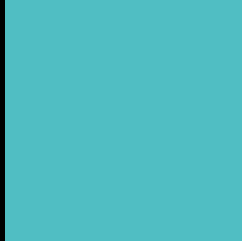
Large Text (above 18pt) WCAG AA × Fail

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 50BEC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

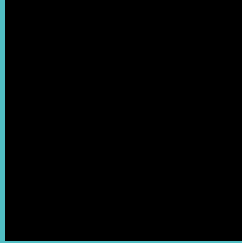
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

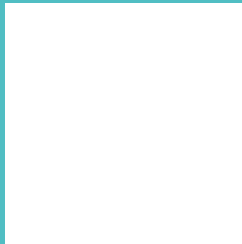
Any Text WCAG AAA ✓ Pass

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

Hex 50BEC3 Background



This preview shows how black text looks on a background with the Hex color 50BEC3.

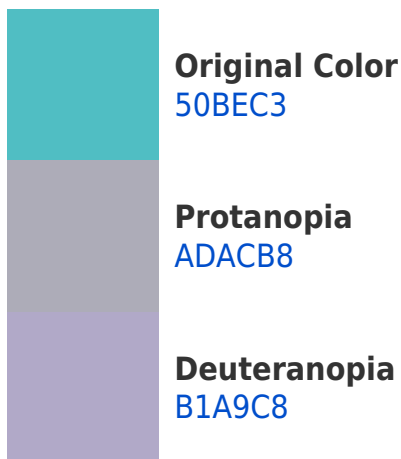


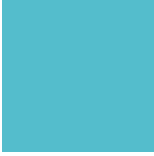
This preview shows how white text looks on a background with the Hex color 50BEC3.

Color Blindness Simulation

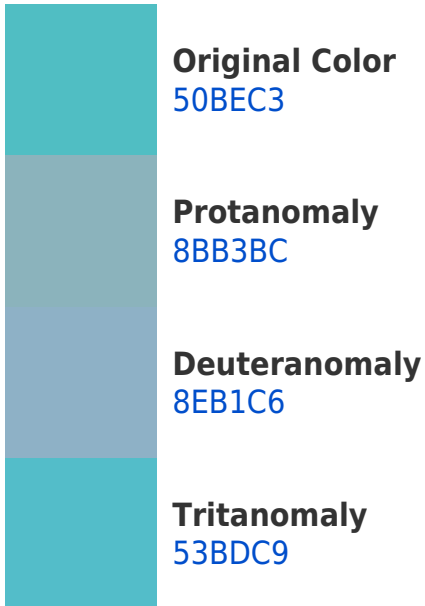
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50BEC3 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 #50BEC3 looks like.

```
.text, #text, p{  
    color:#50BEC3  
}
```

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 #50BEC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50BEC3  
}
```

Border

The CSS property to change the border of an element to Hex 50BEC3 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  
#50BEC3 }
```

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

```
.border{ border-color:#50BEC3 }
```

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

Here you see how a box with a 4 pixel #50BEC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50BEC3; -webkit-box-shadow:4px 4px  
4px 4px #50BEC3; box-shadow:4px 4px 4px  
4px #50BEC3 }
```

Background

The CSS property to change the background color of an element to Hex 50BEC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50BEC3 }
```

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

```
.background{ background-color:#50BEC3 }
```

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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