

# Converting Colors

Hex(5BD3D3)

Have a look what the booklet for  
Hex(5BD3D3) contains.

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**Color**

**Hex(5BD3D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD3D3
RGB	91, 211, 211
RGB Percent	36%, 83%, 83%
CMY	0.6431, 0.1725, 0.1725
CMYK	0.57, 0.00, 0.00, 0.17
HSL	180°, 58%, 59%
HSV	180°, 57%, 83%
XYZ	39.3665, 53.5158, 69.8828
YIQ	175.1200, -71.5200, -25.4400

# Conversions

## Conversions Part 2

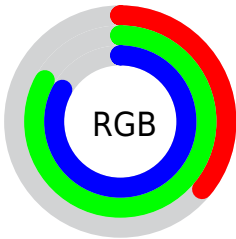
Format	Color
<a href="#">RYB</a>	<a href="#">91, 151, 211</a>
Decimal	<a href="#">6018003</a>
CIELab	<a href="#">78.18, -33.24, -10.14</a>
CIElCh	<a href="#">78, 34.749, 196.968</a>
Yxy	<a href="#">53.5158, 0.2419, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4284208083</a> ( <a href="#">0xFF5BD3D3</a> )
YUV	<a href="#">175.1200, 17.6888, -73.7732</a>
Hunter-Lab	<a href="#">73.1545, -31.9645, -5.4302</a>

# Details

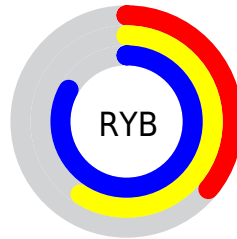
The Hex color **5BD3D3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D35B5B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **98FFFF**, and **009C9D** is the 20% darker color. If you saturate the color by 10%, you get **46D3D3**, and if you desaturate by 10%, it is **70D3D3**.

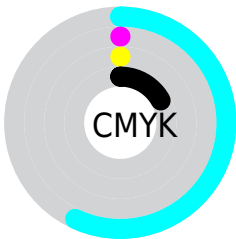
# Distribution



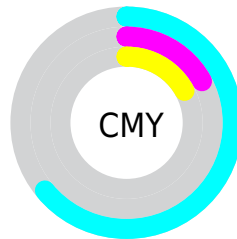
- Red (36%)
- Green (83%)
- Blue (83%)



- Red (36%)
- Yellow (59%)
- Blue (83%)



- Cyan (57%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (64%)
- Magenta (17%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BD3D3 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 5BD3D3 by changing the saturation by 10% instead.



5BD3D3

5BD3D3

FFFFFF

39B7B7

98FFFF

009C9D

B6FFFF

008283

D4FFFF

006869

F2FFFF

004F51

00383A

002425

000110

000000

■ 5BD3D3

■ 5BD3D3

■ 46D3D3

■ 70D3D3

■ 31D3D3

■ 85D3D3

■ 1CD3D3

■ 9AD3D3

■ 07D3D3

■ AFD3D3

■ 00D3D3

■ C4D3D3

■ DAD3D3

■ EFD3D3

■ FFD3D3

# Harmonies

## Analogous

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



7AD2B2



5BD3D3



5BD0EF

# Triad

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



5BD3D3



DCB3EE



E4BA83

# Complementary

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



5BD3D3



D35B5B

# 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.



FAB094



5BD3D3



F8ABD1

# Square

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



5BD3D3



B2BEFF



FFAAB0



C5C583

# Rectangle

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



5BD3D3



72CBFC



FFAAB0



EDB787



# Sweetspot

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



5BD3D3



D4FFFF



5BD35B



668080



000000



808080



# Same Dimension

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



5BD3D3



52FFFF



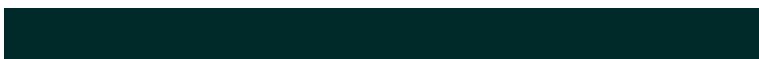
5B97D3



5E6969



00A8A8



002929



# Inverse Universe

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



D35BD3



FF52FF



D3975B



695E69



A800A8

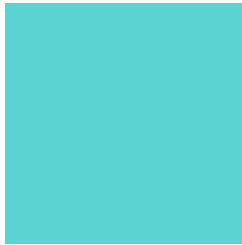


290029



# Previews

## White Background



This preview shows how the Hex color 5BD3D3 looks on a white background.

## Color Contrast Check

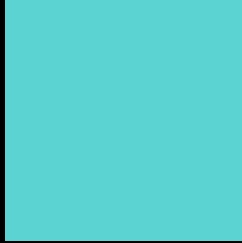
Large Text (above 18pt) WCAG AA × Fail

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 5BD3D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

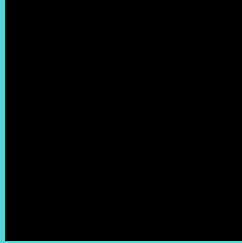
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

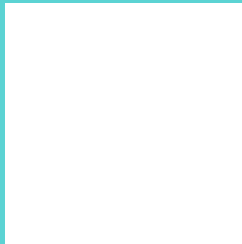
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BD3D3 Background



This preview shows how black text looks on a background with the Hex color 5BD3D3.

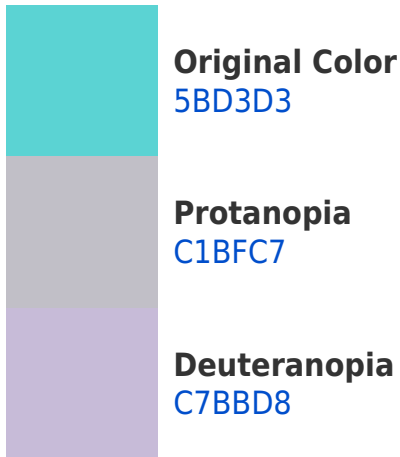


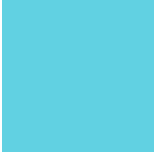
This preview shows how white text looks on a background with the Hex color 5BD3D3.

# 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](#).

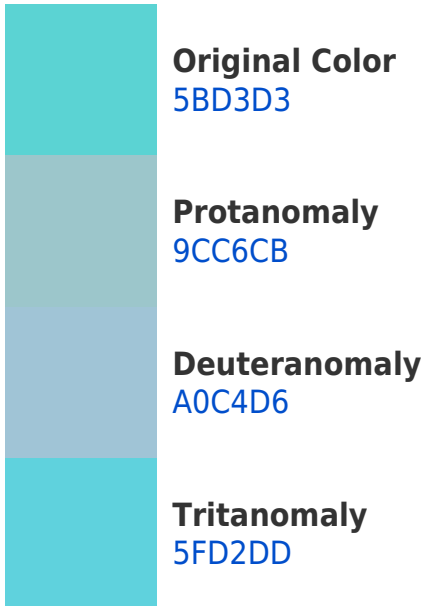
## Dichromacy



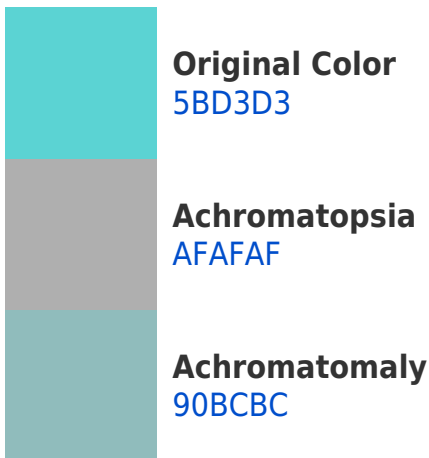


**Tritanopia**  
61D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BD3D3 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 #5BD3D3 looks like.

```
.text, #text, p{  
    color:#5BD3D3  
}
```

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 #5BD3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD3D3
}
```

## Border

The CSS property to change the border of an element to Hex 5BD3D3 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
#5BD3D3 }
```

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

```
.border{ border-color:#5BD3D3 }
```

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

Here you see how a box with a 4 pixel #5BD3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD3D3; -webkit-box-shadow:4px 4px  
4px 4px #5BD3D3; box-shadow:4px 4px 4px  
4px #5BD3D3 }
```

# Background

The CSS property to change the background color of an element to Hex 5BD3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD3D3 }
```

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

```
.background{ background-color:#5BD3D3 }
```

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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