

# Converting Colors

Hex(5CD0BF)

Have a look what the booklet for  
Hex(5CD0BF) contains.

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# Color

Hex(5CD0BF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD0BF
RGB	92, 208, 191
RGB Percent	36%, 82%, 75%
CMY	0.6392, 0.1843, 0.2510
CMYK	0.56, 0.00, 0.08, 0.18
HSL	171°, 55%, 59%
HSV	171°, 56%, 82%
XYZ	36.3735, 51.1486, 57.2458
YIQ	171.3780, -63.6790, -29.8790

# Conversions

## Conversions Part 2

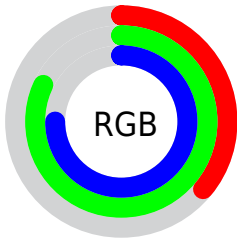
Format	Color
R <sub>Y</sub> B	92, 155, 208
Decimal	6082751
CIE Lab	76.77, -36.86, -1.47
CIE LCh	77, 36.885, 182.290
Yxy	51.1486, 0.2513, 0.3533
Android (android.graphics.Color)	4284272831 (0xFF5CD0BF)
YUV	171.3780, 9.6736, -69.6145
Hunter-Lab	71.5183, -34.3737, 2.6049

# Details

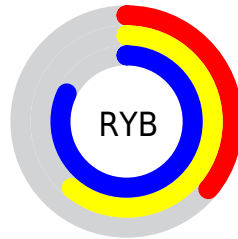
The Hex color **5CD0BF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D05C6D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **97FFF7**, and **0E998A** is the 20% darker color. If you saturate the color by 10%, you get **47D0BC**, and if you desaturate by 10%, it is **71D0C2**.

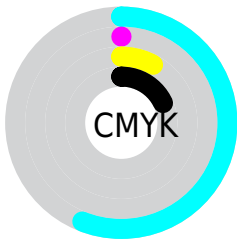
# Distribution



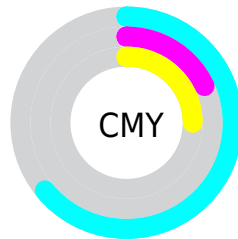
- Red (36%)
- Green (82%)
- Blue (75%)



- Red (36%)
- Yellow (61%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CD0BF 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 5CD0BF by changing the saturation by 10% instead.



 5CD0BF

 5CD0BF

FFFFFF

 3CB4A4

 97FFF7

 0E998A

 B5FFFF

 007F70

 D2FFFF

 006558

 F0FFFF

 004C41

 00352B


 002016

 000000

 5CD0BF

 5CD0BF

 47D0BC

 71D0C2

 32D0B9

 86D0C5

 1ED0B6

 9AD0C8

 09D0B3

 AFD0CB

 00D0B2

 C4D0CE

 D9D0D1

 EED0D4

 FFD0D7

 FFD0DA

# Harmonies

## Analogous

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



85CD9D



5CD0BF



42CFE1

# Triad

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



5CD0BF



C5B4F7



EFB082

# Complementary

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



5CD0BF



D05C6D

# 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.



FFA79B



5CD0BF



EBA9DE

# Square

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



5CD0BF



92C0FF



FFA3BC



D2BC79

# Rectangle

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



5CD0BF



4FCCF2



FFA3BC



F6AD89

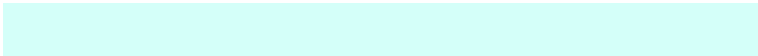


# Sweetspot

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



5CD0BF



D4FFF9



6DD05C



66807C



000000



808080



# Same Dimension

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



5CD0BF



54FFE6



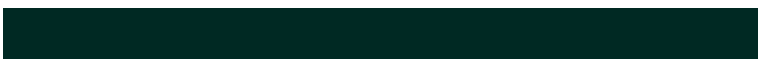
5CA7D0



5E6967



00A890



002923



# Inverse Universe

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



D05C6D



FF546D



D0855C



695E60



A80019

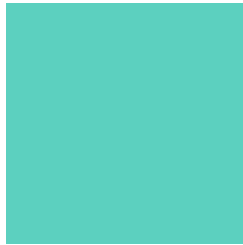


290006



# Previews

## White Background



This preview shows how the Hex color 5CD0BF looks on a white background.

## Color Contrast Check

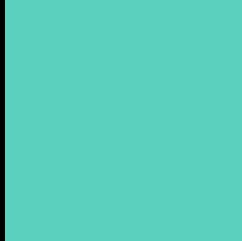
Large Text (above 18pt) WCAG AA × Fail

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 5CD0BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

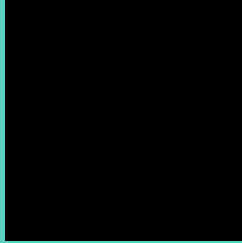
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

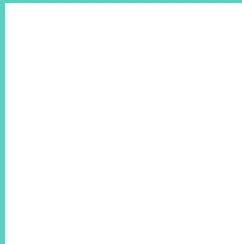
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CD0BF Background



This preview shows how black text looks on a background with the Hex color 5CD0BF.

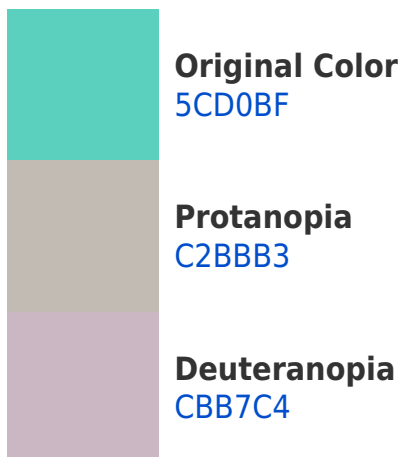


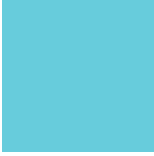
This preview shows how white text looks on a background with the Hex color 5CD0BF.

# 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

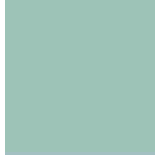




# Trichromacy



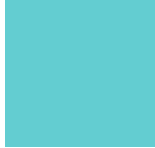
**Original Color**  
5CD0BF



**Protanomaly**  
9DC3B7



**Deuteranomaly**  
A3C0C2

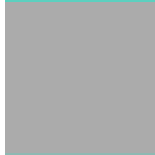


**Tritanomaly**  
63CDD1

# Monochromacy



**Original Color**  
5CD0BF



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8EB8B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CD0BF 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 #5CD0BF looks like.

```
.text, #text, p{  
    color:#5CD0BF  
}
```

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 #5CD0BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD0BF
}
```

## Border

The CSS property to change the border of an element to Hex 5CD0BF 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
#5CD0BF }
```

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

```
.border{ border-color:#5CD0BF }
```

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

Here you see how a box with a 4 pixel #5CD0BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD0BF; -webkit-box-shadow:4px 4px  
4px 4px #5CD0BF; box-shadow:4px 4px 4px  
4px #5CD0BF }
```

# Background

The CSS property to change the background color of an element to Hex 5CD0BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD0BF }
```

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

```
.background{ background-color:#5CD0BF }
```

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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