

Converting Colors

Hex(5CD0B9)

Have a look what the booklet for
Hex(5CD0B9) contains.

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Color

Hex(5CD0B9)

Conversions

Conversions Part 1

Format	Color
Hex	5CD0B9
RGB	92, 208, 185
RGB Percent	36%, 82%, 73%
CMY	0.6392, 0.1843, 0.2745
CMYK	0.56, 0.00, 0.11, 0.18
HSL	168°, 55%, 59%
HSV	168°, 56%, 82%
XYZ	35.7265, 50.8898, 53.8387
YIQ	170.6940, -61.7530, -31.7450

Conversions

Conversions Part 2

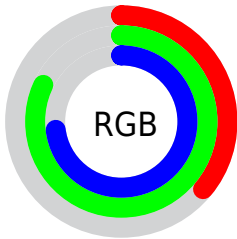
Format	Color
RYB	92, 156, 208
Decimal	6082745
CIELab	76.61, -38.35, 1.52
CIELCh	77, 38.376, 177.724
Yxy	50.8898, 0.2544, 0.3623
Android (android.graphics.Color)	4284272825 (0xFF5CD0B9)
YUV	170.6940, 7.0529, -69.0146
Hunter-Lab	71.3371, -35.4451, 5.1894

Details

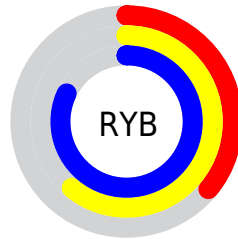
The Hex color **5CD0B9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D05C73**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **97FFF1**, and **109984** is the 20% darker color. If you saturate the color by 10%, you get **47D0B5**, and if you desaturate by 10%, it is **71D0BD**.

Distribution



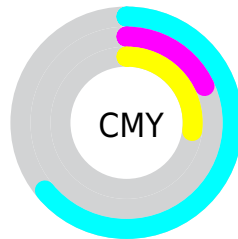
- Red (36%)
- Green (82%)
- Blue (73%)



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



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CD0B9 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 5CD0B9 by changing the saturation by 10% instead.

 5CD0B9

 5CD0B9

FFFFFF

 3CB49E

 97FFF1

 109984

 B4FFFF

 007E6B

 D2FFFF

 006553

 F0FFFF

 004C3C

 003426

 001F11

 000000

 5CD0B9

 5CD0B9

 47D0B5

 71D0BD

 32D0B1

 86D0C1

 1ED0AD

 9AD0C5

 09D0A9

 AFD0C9

 00D0A7

 C4D0CE

 D9D0D2

 EED0D6

 FFD0DA

 FFD0DE

Harmonies

Analogous

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



89CC96



5CD0B9



37CFDD

Triad

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



5CD0B9



BEB5FC



F3AE82

Complementary

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



5CD0B9



D05C73

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.



FFA49E



5CD0B9



E7A9E3

Square

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



5CD0B9



87C1FF



FFA2C1



D7BA76

Rectangle

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



5CD0B9



3ECDFO



FFA2C1



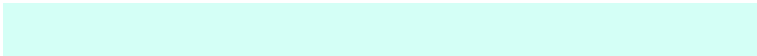
FAAA8A

Sweetspot

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



5CD0B9



D4FFF6



73D05C



66807A



000000



808080

Same Dimension

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



5CD0B9



54FFDD



5CADD0



5E6966



00A887



002921

Inverse Universe

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



D05C73



FF5476



D07F5C



695E60



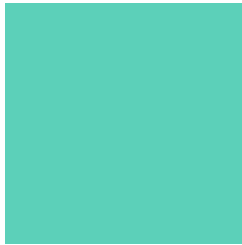
A80021



290008

Previews

White Background



This preview shows how the Hex color 5CD0B9 looks on a white background.

Color Contrast Check

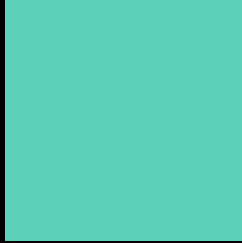
Large Text (above 18pt) WCAG AA × Fail

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 5CD0B9 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 5CD0B9 Background



This preview shows how black text looks on a background with the Hex color 5CD0B9.



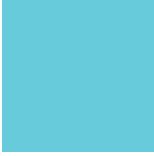
This preview shows how white text looks on a background with the Hex color 5CD0B9.

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](#).

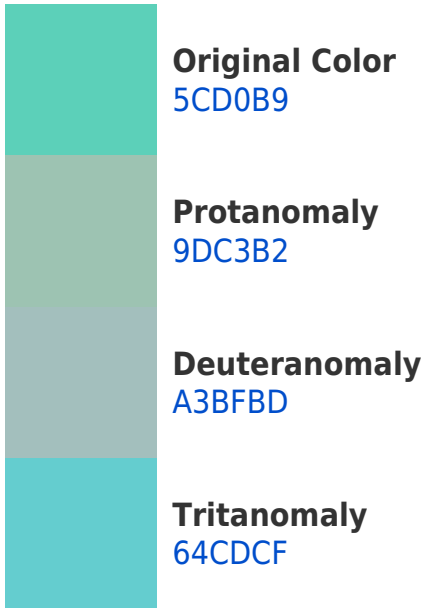
Dichromacy





Tritanopia
68CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CD0B9 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 #5CD0B9 looks like.

```
.text, #text, p{  
    color:#5CD0B9  
}
```

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 #5CD0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD0B9
}
```

Border

The CSS property to change the border of an element to Hex 5CD0B9 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
#5CD0B9 }
```

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

```
.border{ border-color:#5CD0B9 }
```

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

Here you see how a box with a 4 pixel #5CD0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD0B9; -webkit-box-shadow:4px 4px  
4px 4px #5CD0B9; box-shadow:4px 4px 4px  
4px #5CD0B9 }
```

Background

The CSS property to change the background color of an element to Hex 5CD0B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD0B9 }
```

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

```
.background{ background-color:#5CD0B9 }
```

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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