

# Converting Colors

Hex(5CD4B4)

Have a look what the booklet for  
Hex(5CD4B4) contains.

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# Color

**Hex(5CD4B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD4B4
RGB	92, 212, 180
RGB Percent	36%, 83%, 71%
CMY	0.6392, 0.1686, 0.2941
CMYK	0.57, 0.00, 0.15, 0.17
HSL	164°, 58%, 60%
HSV	164°, 57%, 83%
XYZ	36.1953, 52.6576, 51.4363
YIQ	172.4720, -61.2480, -35.3920

# Conversions

## Conversions Part 2

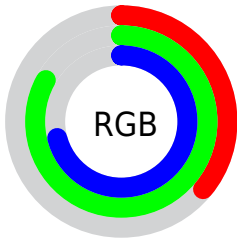
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 161, 212
Decimal	6083764
CIELab	77.67, -41.34, 5.74
CIELCh	78, 41.740, 172.095
Yxy	52.6576, 0.2580, 0.3754
Android (android.graphics.Color)	4284273844 (0xFF5CD4B4)
YUV	172.4720, 3.7113, -70.5739
Hunter-Lab	72.5655, -37.9548, 8.7697

# Details

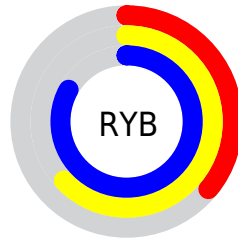
The Hex color **5CD4B4** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D45C7C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **97FFEC**, and **0E9D7F** is the 20% darker color. If you saturate the color by 10%, you get **47D4AE**, and if you desaturate by 10%, it is **71D4BA**.

# Distribution



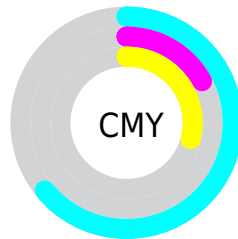
- Red (36%)
- Green (83%)
- Blue (71%)



- Red (36%)
- Yellow (63%)
- Blue (83%)



- Cyan (57%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)



- Cyan (64%)
- Magenta (17%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CD4B4 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 5CD4B4 by changing the saturation by 10% instead.



 5CD4B4

 5CD4B4

FFFFFF

 3CB899

 97FFEC

 0E9D7F

 B5FFFF

 008266

 D2FFFF

 00684E

 F0FFFF

 004F37

 003722


 00220C

 000000

 5CD4B4

 5CD4B4

 47D4AE

 71D4BA

 32D4A9

 86D4BF

 1CD4A3

 9CD4C5

 07D49D

 B1D4CB

 00D49B

 C6D4D0

 DBD4D6

 F0D4DC

 FFD4E1

 FFD4E7

# Harmonies

## Analogous

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



90CF8F



5CD4B4



1DD4DC

# Triad

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



5CD4B4



B5BAFF



FFAD84

# Complementary

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



5CD4B4



D45C7C

# 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.



FFA3A5



5CD4B4



E7ACF0

# Square

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



5CD4B4



75C7FF



FFA3CC



E3BA73

# Rectangle

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



5CD4B4



11D2F3



FFA3CC



FFA98E

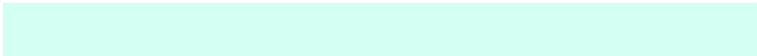


# Sweetspot

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



5CD4B4



D4FFF3



7CD45C



668079



000000



808080



# Same Dimension

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



5CD4B4



52FFD1



5CB8D4



606B68



00AB7D



002B20



# Inverse Universe

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



D45C7C



FF5280



D4785C



6B6063



AB002E

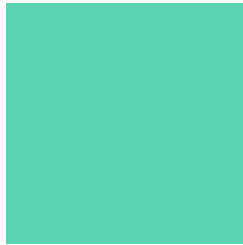


2B000C



# Previews

## White Background



This preview shows how the Hex color 5CD4B4 looks on a white background.

## Color Contrast Check

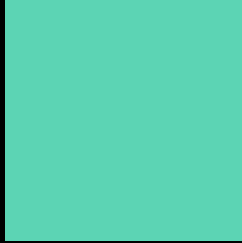
Large Text (above 18pt) WCAG AA × Fail

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 5CD4B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

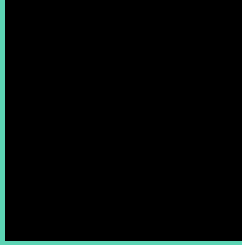
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

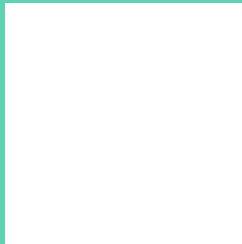
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CD4B4 Background



This preview shows how black text looks on a background with the Hex color 5CD4B4.

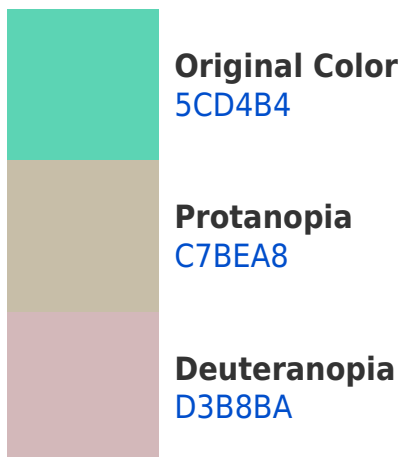


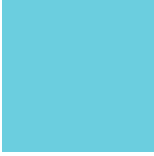
This preview shows how white text looks on a background with the Hex color 5CD4B4.

# 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**  
6BCEDF

# Trichromacy



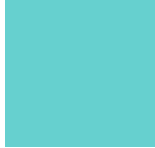
**Original Color**  
5CD4B4



**Protanomaly**  
A0C6AC



**Deuteranomaly**  
A8C2B8



**Tritanomaly**  
66D0CF

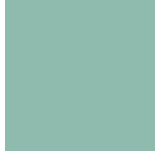
# Monochromacy



**Original Color**  
5CD4B4



**Achromatopsia**  
ACACAC



**Achromatomaly**  
8FBBAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CD4B4 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 #5CD4B4 looks like.

```
.text, #text, p{  
    color:#5CD4B4  
}
```

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 #5CD4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD4B4
}
```

## Border

The CSS property to change the border of an element to Hex 5CD4B4 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
#5CD4B4 }
```

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

```
.border{ border-color:#5CD4B4 }
```

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

Here you see how a box with a 4 pixel #5CD4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD4B4; -webkit-box-shadow:4px 4px  
4px 4px #5CD4B4; box-shadow:4px 4px 4px  
4px #5CD4B4 }
```

# Background

The CSS property to change the background color of an element to Hex 5CD4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD4B4 }
```

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

```
.background{ background-color:#5CD4B4 }
```

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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