

# Converting Colors

Hex(5BD0C4)

Have a look what the booklet for  
Hex(5BD0C4) contains.

<b>Hex(5BD0C4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5BD0C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BD0C4
RGB	91, 208, 196
RGB Percent	36%, 82%, 77%
CMY	0.6431, 0.1843, 0.2314
CMYK	0.56, 0.00, 0.06, 0.18
HSL	174°, 55%, 59%
HSV	174°, 56%, 82%
XYZ	36.8341, 51.3214, 60.1892
YIQ	171.6490, -65.8800, -28.5360

# Conversions

## Conversions Part 2

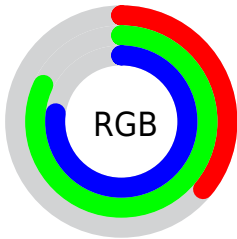
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 153, 208
Decimal	6017220
CIELab	76.87, -35.78, -4.01
CIElCh	77, 36.004, 186.401
Yxy	51.3214, 0.2483, 0.3460
Android (android.graphics.Color)	4284207300 (0xFF5BD0C4)
YUV	171.6490, 12.0050, -70.7292
Hunter-Lab	71.6390, -33.5902, 0.3333

# Details

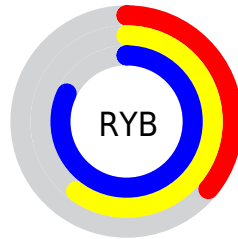
The Hex color **5BD0C4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D05B67**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **97FFFD**, and **07998E** is the 20% darker color. If you saturate the color by 10%, you get **46D0C2**, and if you desaturate by 10%, it is **70D0C6**.

# Distribution



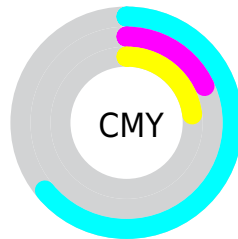
- Red (36%)
- Green (82%)
- Blue (77%)



- Red (36%)
- Yellow (60%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BD0C4 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 5BD0C4 by changing the saturation by 10% instead.



 5BD0C4

 5BD0C4

FFFFFF

 3AB4A9

 97FFFD

 07998E

 B4FFFF

 007F75

 D2FFFF

 00655C

 F0FFFF

 004C45

 00352F

 00201A

 000000

 5BD0C4

 5BD0C4

 46D0C2

 70D0C6

 31D0C0

 85D0C8

 1DD0BE

 99D0CA

 08D0BB

 AED0CD

 00D0BB

 C3D0CF

 D8D0D1

 EDD0D3

 FFD0D5

 FFD0D7

# Harmonies

## Analogous

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



82CEA2



5BD0C4



49CEE4

# Triad

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



5BD0C4



CBB3F3



EBB381

# Complementary

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



5BD0C4



D05B67

# 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.



FDA998



5BD0C4



EEA8D9

# Square

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



5BD0C4



9BBFFF



FFA4B8



CEBE7B

# Rectangle

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



5BD0C4



59CBF4



FFA4B8



F2AF87



# Sweetspot

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



5BD0C4



D4FFFB



69D05B



66807D



000000



808080



# Same Dimension

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



5BD0C4



52FFED



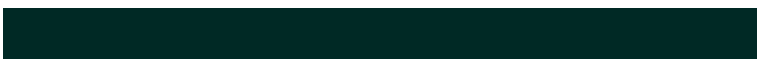
5BA3D0



5E6967



00A897



002925



# Inverse Universe

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



D05B67



FF5263



D0885B



695E5F



A80011

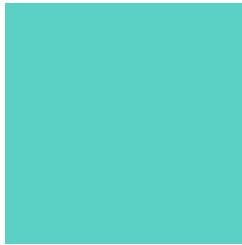


290004



# Previews

## White Background



This preview shows how the Hex color 5BD0C4 looks on a white background.

## Color Contrast Check

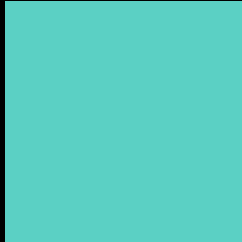
Large Text (above 18pt) WCAG AA × Fail

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 5BD0C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

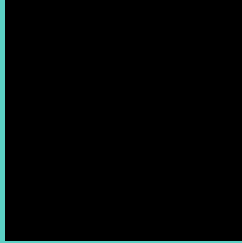
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

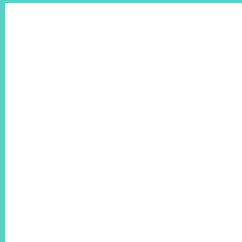
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BD0C4 Background



This preview shows how black text looks on a background with the Hex color 5BD0C4.

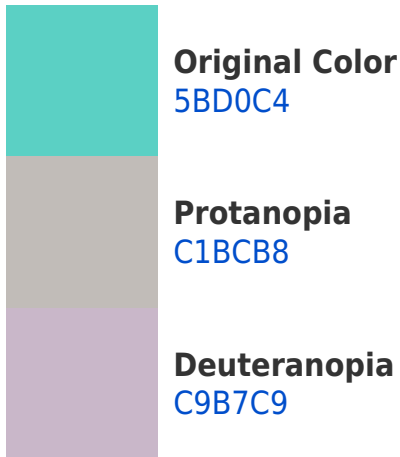


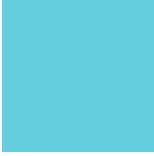
This preview shows how white text looks on a background with the Hex color 5BD0C4.

# 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](#).

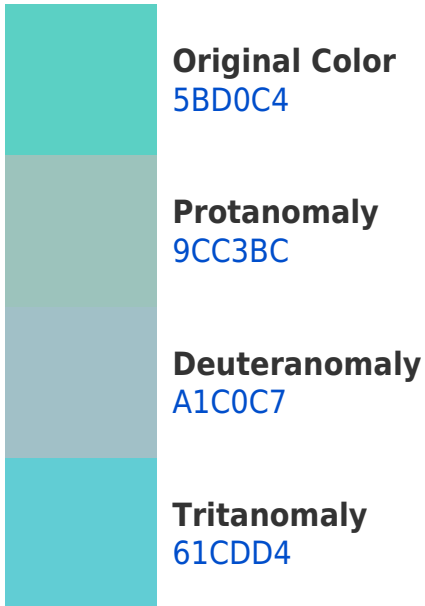
## Dichromacy





**Tritanopia**  
64CCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BD0C4 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 #5BD0C4 looks like.

```
.text, #text, p{  
    color:#5BD0C4  
}
```

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 #5BD0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD0C4
}
```

## Border

The CSS property to change the border of an element to Hex 5BD0C4 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
#5BD0C4 }
```

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

```
.border{ border-color:#5BD0C4 }
```

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

Here you see how a box with a 4 pixel #5BD0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD0C4; -webkit-box-shadow:4px 4px  
4px 4px #5BD0C4; box-shadow:4px 4px 4px  
4px #5BD0C4 }
```

# Background

The CSS property to change the background color of an element to Hex 5BD0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD0C4 }
```

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

```
.background{ background-color:#5BD0C4 }
```

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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