

Converting Colors

Hex(5BD7CB)

Have a look what the booklet for
Hex(5BD7CB) contains.

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Color

Hex(5BD7CB)

Conversions

Conversions Part 1

Format	Color
Hex	5BD7CB
RGB	91, 215, 203
RGB Percent	36%, 84%, 80%
CMY	0.6431, 0.1569, 0.2039
CMYK	0.58, 0.00, 0.06, 0.16
HSL	174°, 61%, 60%
HSV	174°, 58%, 84%
XYZ	39.3943, 55.1368, 65.0661
YIQ	176.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

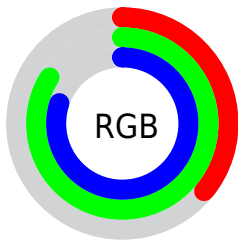
Format	Color
RYB	91, 156, 215
Decimal	6019019
CIELab	79.12, -37.21, -4.46
CIElCh	79, 37.473, 186.834
Yxy	55.1368, 0.2468, 0.3455
Android (android.graphics.Color)	4284209099 (0xFF5BD7CB)
YUV	176.5560, 13.0369, -75.0326
Hunter-Lab	74.2542, -35.2446, 0.0244

Details

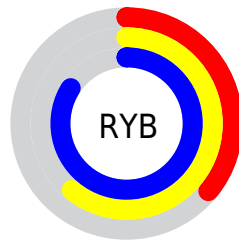
The Hex color **5BD7CB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D75B67**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **98FFFF**, and **00A095** is the 20% darker color. If you saturate the color by 10%, you get **46D7C9**, and if you desaturate by 10%, it is **71D7CD**.

Distribution



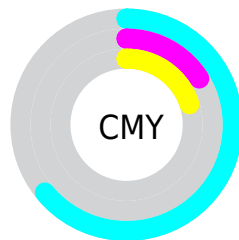
- Red (36%)
- Green (84%)
- Blue (80%)



- Red (36%)
- Yellow (61%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BD7CB 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 5BD7CB by changing the saturation by 10% instead.

 5BD7CB

 5BD7CB

FFFFFF

 39BBB0

 98FFFF

 00A095

 B6FFFF

 00857B

 D4FFFF


 006B62

 F2FFFF

 00524B

 003A34

 00261F

 000007

 000000

 5BD7CB

 5BD7CB

 46D7C9

 71D7CD

 30D7C7

 86D7CF

 1BD7C5

 9CD7D1

 05D7C3

 B1D7D3

 00D7C2

 C7D7D5

 DCD7D7

 F2D7DA

 FFD7DC

 FFD7DE

Harmonies

Analogous

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



84D5A7



5BD7CB



48D5ED

Triad

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



5BD7CB



D3B8FC



F3B885

Complementary

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



5BD7CB



D75B67

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.



FFAE9C



5BD7CB



F7ADE0

Square

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



5BD7CB



A0C5FF



FFA9BD



D4C47E

Rectangle

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



5BD7CB



5AD2FD



FFA9BD



FAB58B

Sweetspot

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



5BD7CB



D4FFFB



67D75B



66807D



000000



808080

Same Dimension

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



5BD7CB



4FFFE6



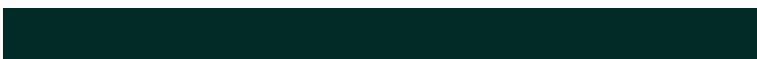
5BA5D7



606B6A



00AB9A



002B27

Inverse Universe

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



D75B67



FF4F60



D78D5B



6B6061



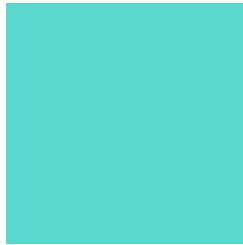
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color 5BD7CB looks on a white background.

Color Contrast Check

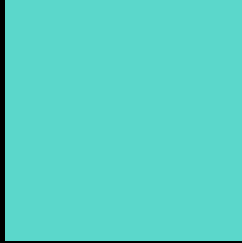
Large Text (above 18pt) WCAG AA × Fail

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 5BD7CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

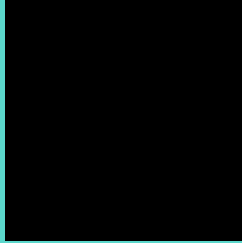
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

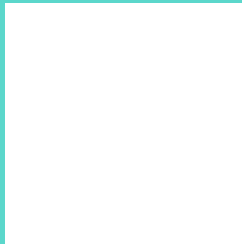
Any Text WCAG AAA ✓ Pass

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

Hex 5BD7CB Background



This preview shows how black text looks on a background with the Hex color 5BD7CB.

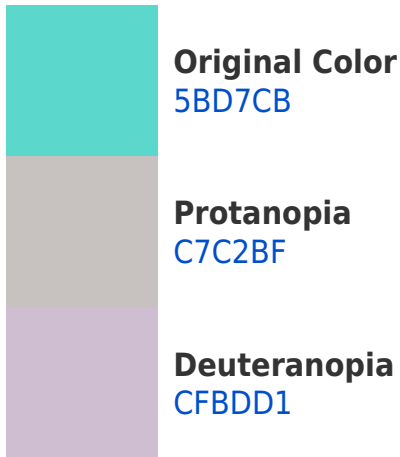


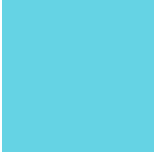
This preview shows how white text looks on a background with the Hex color 5BD7CB.

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
65D3E4

Trichromacy



Original Color
5BD7CB



Protanomaly
A0CAC3



Deuteranomaly
A5C6CF

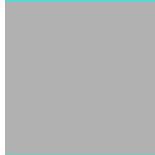


Tritanomaly
61D4DB

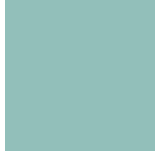
Monochromacy



Original Color
5BD7CB



Achromatopsia
B1B1B1



Achromatomaly
92BFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BD7CB 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 #5BD7CB looks like.

```
.text, #text, p{  
    color:#5BD7CB  
}
```

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 #5BD7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD7CB
}
```

Border

The CSS property to change the border of an element to Hex 5BD7CB 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
#5BD7CB }
```

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

```
.border{ border-color:#5BD7CB }
```

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

Here you see how a box with a 4 pixel #5BD7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD7CB; -webkit-box-shadow:4px 4px  
4px 4px #5BD7CB; box-shadow:4px 4px 4px  
4px #5BD7CB }
```

Background

The CSS property to change the background color of an element to Hex 5BD7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD7CB }
```

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

```
.background{ background-color:#5BD7CB }
```

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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