

Converting Colors

Hex(5BDCBD)

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

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Color

Hex(5BDCBD)

Conversions

Conversions Part 1

Format	Color
Hex	5BDCBD
RGB	91, 220, 189
RGB Percent	36%, 86%, 74%
CMY	0.6431, 0.1373, 0.2588
CMYK	0.59, 0.00, 0.14, 0.14
HSL	166°, 65%, 61%
HSV	166°, 59%, 86%
XYZ	39.0929, 57.0847, 57.1021
YIQ	177.8950, -66.9330, -36.9890

Conversions

Conversions Part 2

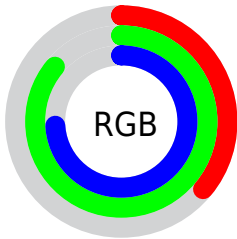
Format	Color
RYB	91, 164, 220
Decimal	6020285
CIELab	80.23, -42.93, 4.62
CIELCh	80, 43.180, 173.853
Yxy	57.0847, 0.2550, 0.3724
Android (android.graphics.Color)	4284210365 (0xFF5BDCBD)
YUV	177.8950, 5.4748, -76.2069
Hunter-Lab	75.5544, -39.8618, 8.0782

Details

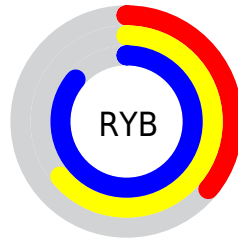
The Hex color **5BDCBD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DC5B7A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **98FFF5**, and **00A488** is the 20% darker color. If you saturate the color by 10%, you get **45DCB8**, and if you desaturate by 10%, it is **71DCC2**.

Distribution



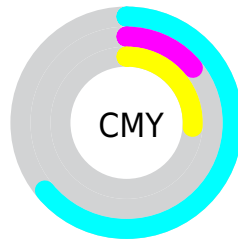
- Red (36%)
- Green (86%)
- Blue (74%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 5BDCBD

 5BDCBD

FFFFFF

 39C0A2

 98FFF5

 00A488

 B5FFFF

 00896E

 D3FFFF


 006F56

 F2FFFF

 00563F

 003E29

 002915

 000200

 000000

 5BDCBD

 5BDCBD

 45DCB8

 71DCC2

 2FDCB2

 87DCC8

 19DCAD

 9DDCCD

 03DCA8

 B3DCD2

 00DCA7

 C9DCD7

 DFDCDD

 F5DCE2

 FFDCE7

 FFDCE7

 FFDCE7

 FFDCE7

Harmonies

Analogous

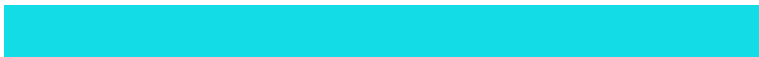
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92D796



5BDCBD



13DCE6

Triad

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



5BDCBD



C0C0FF



FFB487

Complementary

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



5BDCBD



DC5B7A

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.



FFA9A8



5BDCBD



F2B1F7

Square

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



5BDCBD



7DCEFF



FFA8D1



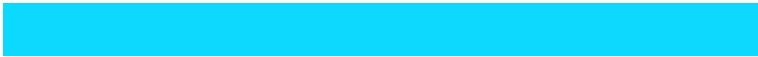
E9C276

Rectangle

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



5BDCBD



0DD9FE



FFA8D1



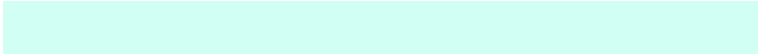
FFB091

Sweetspot

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



5BDCBD



D1FFF4



7BDC5B



638079



000000



808080

Same Dimension

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



5BDCBD



4DFFD4



5BBCDC



636E6B



00AD84



002E23

Inverse Universe

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



DC5B7A



FF4D77



DC7B5B



6E6365



AD002A



2E000B

Previews

White Background



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

Color Contrast Check

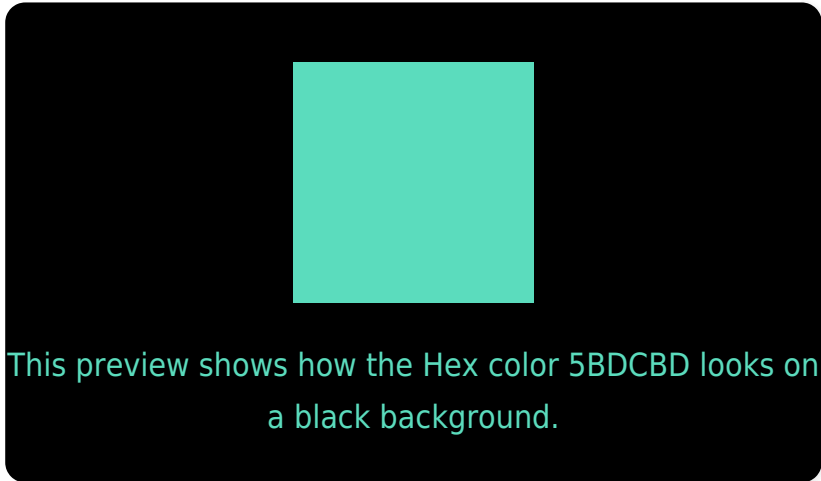
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

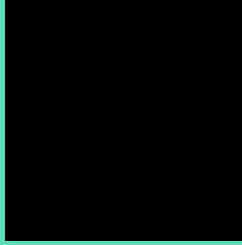
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

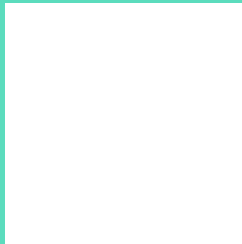
Any Text WCAG AAA ✓ Pass

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

Hex 5BDCBD Background



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

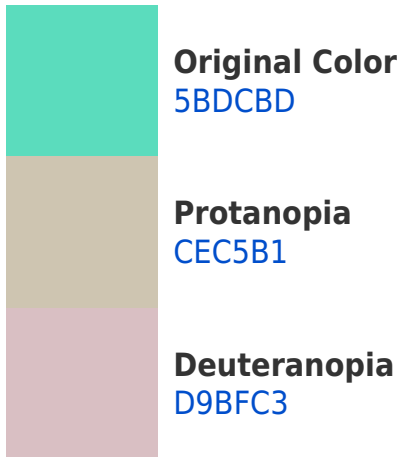


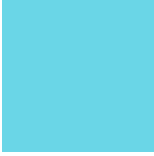
This preview shows how white text looks on a background with the Hex color 5BDCBD.

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
6AD6E7

Trichromacy



Original Color
5BDCBD



Protanomaly
A4CDB5



Deuteranomaly
ABCAC1



Tritanomaly
65D8D8

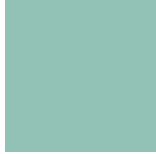
Monochromacy



Original Color
5BDCBD



Achromatopsia
B2B2B2



Achromatomaly
92C1B6

CSS Examples

Text

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

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

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 #5BDCBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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