

Converting Colors

Hex(5BDCBF)

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

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Color

Hex(5BDCBF)

Conversions

Conversions Part 1

Format	Color
Hex	5BDCBF
RGB	91, 220, 191
RGB Percent	36%, 86%, 75%
CMY	0.6431, 0.1373, 0.2510
CMYK	0.59, 0.00, 0.13, 0.14
HSL	167°, 65%, 61%
HSV	167°, 59%, 86%
XYZ	39.3116, 57.1721, 58.2536
YIQ	178.1230, -67.5750, -36.3670

Conversions

Conversions Part 2

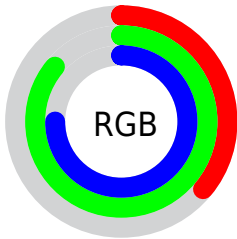
Format	Color
RYB	91, 164, 220
Decimal	6020287
CIELab	80.28, -42.45, 3.63
CIELCh	80, 42.607, 175.110
Yxy	57.1721, 0.2541, 0.3695
Android (android.graphics.Color)	4284210367 (0xFF5BDCBF)
YUV	178.1230, 6.3484, -76.4069
Hunter-Lab	75.6123, -39.5175, 7.2501

Details

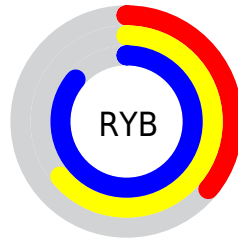
The Hex color **5BDCBF** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DC5B78**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **98FFF7**, and **00A48A** is the 20% darker color. If you saturate the color by 10%, you get **45DCBA**, and if you desaturate by 10%, it is **71DCC4**.

Distribution



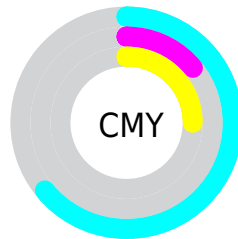
- Red (36%)
- Green (86%)
- Blue (75%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 5BDCBF

 5BDCBF

FFFFFF

 39C0A4

 98FFF7

 00A48A

 B6FFFF

 008970

 D4FFFF

 006F58

 F2FFFF

 005641

 003E2B

 002916

 000200

 000000

 5BDCBF

 5BDCBF

 45DCBA

 71DCC4

 2FDCB5

 87DCC9

 19DCB0

 9DDCCE

 03DCAB

 B3DCD3

 00DCAB

 C9DCD8

 DFDCDD

 F5DCE2

 FFDCE7

 FFDCEC

Harmonies

Analogous

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



90D898



5BDCBF



1DDCE8

Triad

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



5BDCBF



C2BFFF



FFB587

Complementary

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



5BDCBF



DC5B78

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.



FFAAA7



5BDCBF



F3B1F5

Square

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



5BDCBF



82CDFE



FFA9CF



E7C377

Rectangle

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



5BDCBF



1FD9FE



FFA9CF



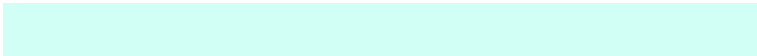
FFB191

Sweetspot

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



5BDCBF



D1FFF5



79DC5B



638079



000000



808080

Same Dimension

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



5BDCBF



4DFFD7



5BBADC



636E6B



00AD86



002E24

Inverse Universe

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



DC5B78



FF4D75



DC7D5B



6E6365



AD0027



2E000A

Previews

White Background



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

Color Contrast Check

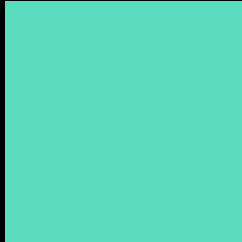
Large Text (above 18pt) WCAG AA × Fail

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 5BDCBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

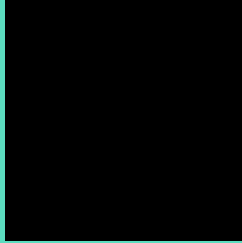
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

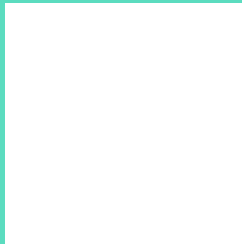
Any Text WCAG AAA ✓ Pass

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

Hex 5BDCBF Background



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



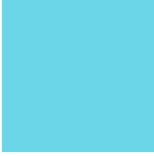
This preview shows how white text looks on a background with the Hex color 5BDCBF.

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



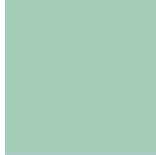


Tritanopia
6AD6E8

Trichromacy



Original Color
5BDCBF



Protanomaly
A4CDB7



Deuteranomaly
ABCAC3

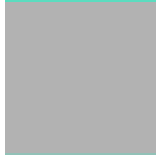


Tritanomaly
65D8D9

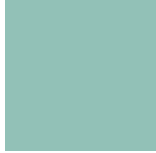
Monochromacy



Original Color
5BDCBF



Achromatopsia
B2B2B2



Achromatomaly
92C1B7

CSS Examples

Text

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

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

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 #5BDCBF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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