

Converting Colors

Hex(5DC1BF)

Have a look what the booklet for
Hex(5DC1BF) contains.

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Color

Hex(5DC1BF)

Conversions

Conversions Part 1

Format	Color
Hex	5DC1BF
RGB	93, 193, 191
RGB Percent	36%, 76%, 75%
CMY	0.6353, 0.2431, 0.2510
CMYK	0.52, 0.00, 0.01, 0.24
HSL	179°, 45%, 56%
HSV	179°, 52%, 76%
XYZ	32.9881, 44.2287, 56.0885
YIQ	162.8720, -58.9580, -21.8220

Conversions

Conversions Part 2

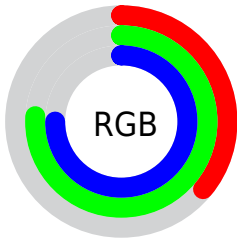
Format	Color
RYB	93, 144, 193
Decimal	6144447
CIELab	72.38, -29.57, -7.94
CIElCh	72, 30.622, 195.036
Yxy	44.2287, 0.2475, 0.3318
Android (android.graphics.Color)	4284334527 (0xFF5DC1BF)
YUV	162.8720, 13.8671, -61.2777
Hunter-Lab	66.5046, -27.8422, -3.4506

Details

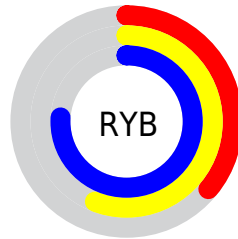
The Hex color **5DC1BF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C15D5F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **97FAF7**, and **188B8A** is the 20% darker color. If you saturate the color by 10%, you get **4AC1BF**, and if you desaturate by 10%, it is **70C1BF**.

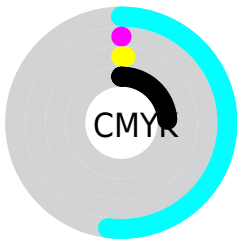
Distribution



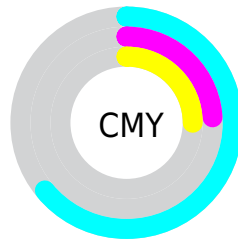
- Red (36%)
- Green (76%)
- Blue (75%)



- Red (36%)
- Yellow (56%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC1BF 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 5DC1BF by changing the saturation by 10% instead.

 5DC1BF

 5DC1BF

FFFFFF

 3EA6A4

 97FAF7

 188B8A

 B4FFFF

 007170

 D1FFFF

 005858

 EFFFFF

 004041

 002A2B

 001017

 000000

 5DC1BF

 5DC1BF

■ 4AC1BF

■ 70C1BF

■ 36C1BE

■ 84C1C0

■ 23C1BE

■ 97C1C0

■ 10C1BD

■ AAC1C1

■ 00C1BD

■ BDC1C1

■ D1C1C1

■ E4C1C2

■ F7C1C2

■ FFC1C2

Harmonies

Analogous

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



77C0A2



5DC1BF



5BBED8

Triad

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



5DC1BF



C7A5D9



D2AB7C

Complementary

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



5DC1BF



C15D5F

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.



E4A28B



5DC1BF



E09EC1

Square

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



5DC1BF



A2AFE7



EA9DA4



B7B47B

Rectangle

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



5DC1BF



6DBBE3



EA9DA4



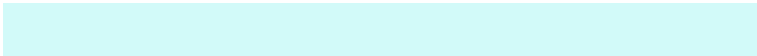
D9A880

Sweetspot

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



5DC1BF



D2FAF9



60C15D



657D7C



FCFCFC



7D7D7D

Same Dimension

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



5DC1BF



5FFAF7



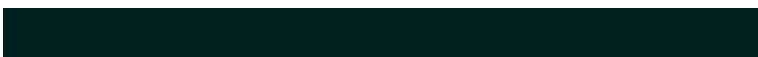
5D92C1



576161



00A19D



002120

Inverse Universe

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



C15D5F



FA5F62



C18C5D



615757



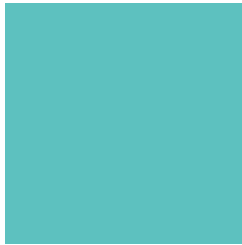
A10003



210001

Previews

White Background



This preview shows how the Hex color 5DC1BF looks on a white background.

Color Contrast Check

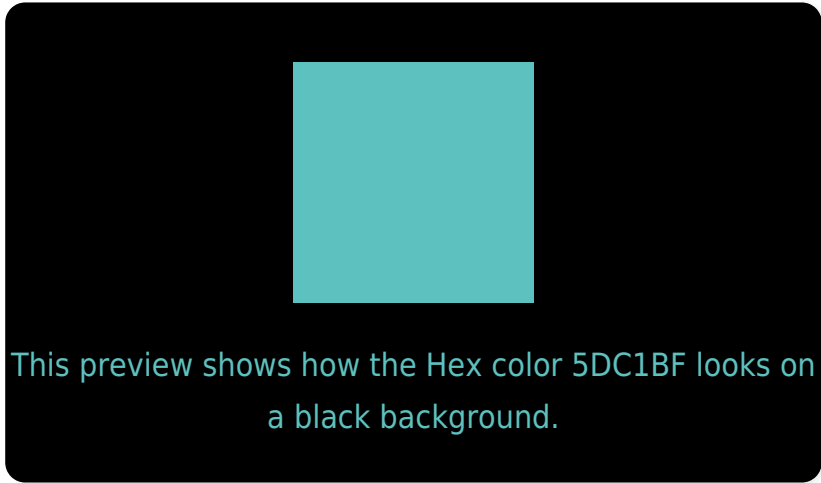
Large Text (above 18pt) WCAG AA × Fail

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

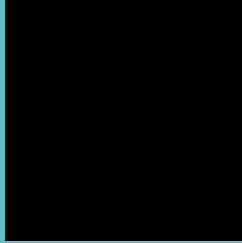
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

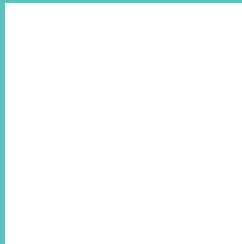
Any Text WCAG AAA ✓ Pass

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

Hex 5DC1BF Background



This preview shows how black text looks on a background with the Hex color 5DC1BF.



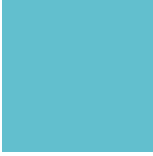
This preview shows how white text looks on a background with the Hex color 5DC1BF.

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



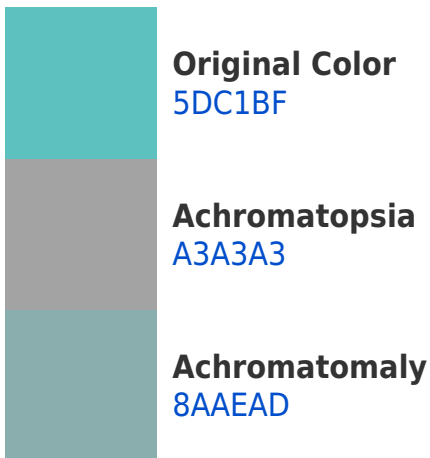


Tritanopia
62BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC1BF 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 #5DC1BF looks like.

```
.text, #text, p{  
    color:#5DC1BF  
}
```

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 #5DC1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC1BF
}
```

Border

The CSS property to change the border of an element to Hex 5DC1BF 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
#5DC1BF }
```

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

```
.border{ border-color:#5DC1BF }
```

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

Here you see how a box with a 4 pixel #5DC1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC1BF; -webkit-box-shadow:4px 4px  
4px 4px #5DC1BF; box-shadow:4px 4px 4px  
4px #5DC1BF }
```

Background

The CSS property to change the background color of an element to Hex 5DC1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC1BF }
```

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

```
.background{ background-color:#5DC1BF }
```

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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