

Converting Colors

Hex(5BC1D7)

Have a look what the booklet for
Hex(5BC1D7) contains.

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Color

Hex(5BC1D7)

Conversions

Conversions Part 1

Format	Color
Hex	5BC1D7
RGB	91, 193, 215
RGB Percent	36%, 76%, 84%
CMY	0.6431, 0.2431, 0.1569
CMYK	0.58, 0.10, 0.00, 0.16
HSL	191°, 61%, 60%
HSV	191°, 58%, 84%
XYZ	35.6501, 45.2704, 71.1491
YIQ	165.0100, -67.8540, -14.7820

Conversions

Conversions Part 2

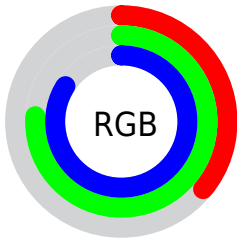
Format	Color
RYB	91, 147, 215
Decimal	6013399
CIELab	73.07, -23.33, -19.99
CIElCh	73, 30.722, 220.581
Yxy	45.2704, 0.2344, 0.2977
Android (android.graphics.Color)	4284203479 (0xFF5BC1D7)
YUV	165.0100, 24.6451, -64.9068
Hunter-Lab	67.2833, -23.1673, -15.5983

Details

The Hex color **5BC1D7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D7715B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **97FAFF**, and **068BA0** is the 20% darker color. If you saturate the color by 10%, you get **46BDD7**, and if you desaturate by 10%, it is **71C5D7**.

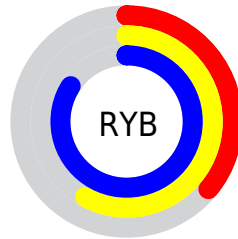
Distribution



Red (36%)

Green (76%)

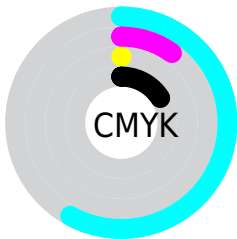
Blue (84%)



Red (36%)

Yellow (58%)

Blue (84%)

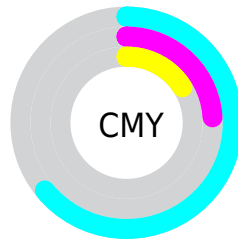


Cyan (58%)

Magenta (10%)

Yellow (0%)

Black (16%)



Cyan (64%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC1D7 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 5BC1D7 by changing the saturation by 10% instead.

 5BC1D7

 5BC1D7

FFFFFF

 3AA6BB

 97FAFF

 068BA0

 B4FFFF

 007286

 D2FFFF

 00596D

 F0FFFF

 004154

 002B3D

 001427

 000112

 000000

■ 5BC1D7

■ 5BC1D7

■ 46BDD7

■ 71C5D7

■ 30B9D7

■ 86C9D7

■ 1BB6D7

■ 9CCCD7

■ 05B2D7

■ B1D0D7

■ 00B1D7

■ C7D4D7

■ DCD8D7

■ F2DCD7

■ FFE0D7

■ FFE3D7

Harmonies

Analogous

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



61C3BD



5BC1D7



75BBE8

Triad

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



5BC1D7



DFA1C7



BDB57C

Complementary

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



5BC1D7



D7715B

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.



D7AB7F



5BC1D7



EB9EAA

Square

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



5BC1D7



C4A9DE



E8A390



9EBD88

Rectangle

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



5BC1D7



90B6EB



E8A390



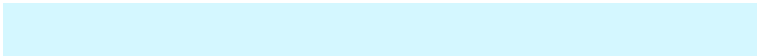
C7B27B

Sweetspot

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



5BC1D7



D4F7FF



5BD770



667B80



000000



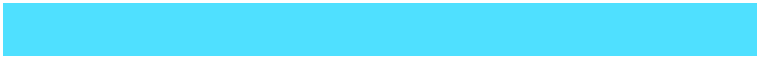
808080

Same Dimension

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



5BC1D7



4FE0FF



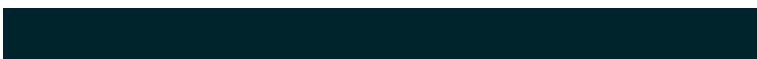
5B84D7



60696B



008DAB



00242B

Inverse Universe

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



D75BC1



FF4FE0



D7AE5B



6B6069



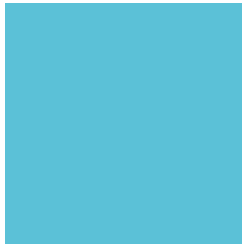
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 5BC1D7 looks on a white background.

Color Contrast Check

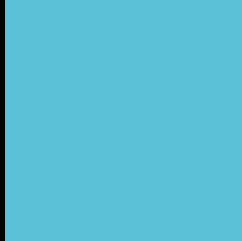
Large Text (above 18pt) WCAG AA × Fail

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 5BC1D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

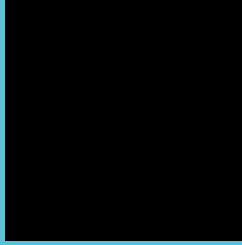
Any Text WCAG AA ✓ Pass

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 5BC1D7 Background



This preview shows how black text looks on a background with the Hex color 5BC1D7.

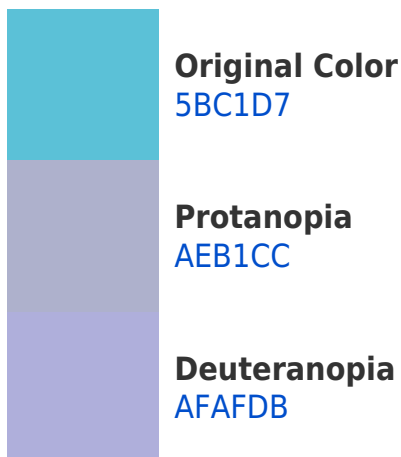


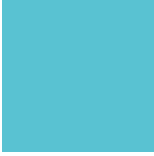
This preview shows how white text looks on a background with the Hex color 5BC1D7.

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](#).

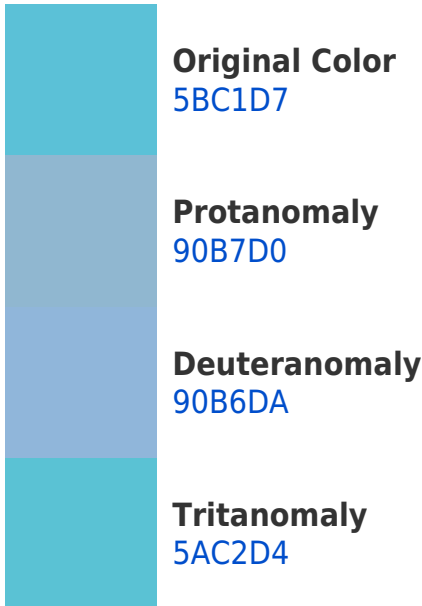
Dichromacy



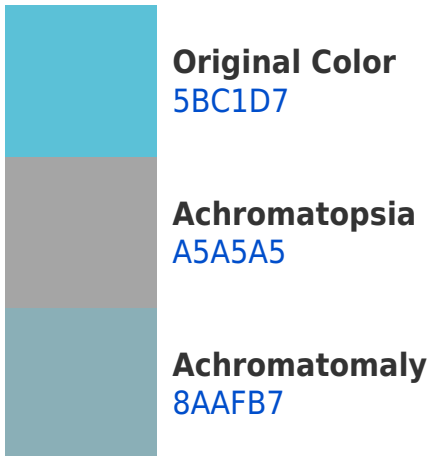


Tritanopia
59C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC1D7 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 #5BC1D7 looks like.

```
.text, #text, p{  
    color:#5BC1D7  
}
```

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 #5BC1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC1D7
}
```

Border

The CSS property to change the border of an element to Hex 5BC1D7 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
#5BC1D7 }
```

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

```
.border{ border-color:#5BC1D7 }
```

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

Here you see how a box with a 4 pixel #5BC1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC1D7; -webkit-box-shadow:4px 4px  
4px 4px #5BC1D7; box-shadow:4px 4px 4px  
4px #5BC1D7 }
```

Background

The CSS property to change the background color of an element to Hex 5BC1D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC1D7 }
```

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

```
.background{ background-color:#5BC1D7 }
```

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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