

Converting Colors

Hex(5BBBCF)

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

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Color

Hex(5BBBCF)

Conversions

Conversions Part 1

Format	Color
Hex	5BBBCF
RGB	91, 187, 207
RGB Percent	36%, 73%, 81%
CMY	0.6431, 0.2667, 0.1882
CMYK	0.56, 0.10, 0.00, 0.19
HSL	190°, 55%, 58%
HSV	190°, 56%, 81%
XYZ	33.3472, 42.2698, 65.4328
YIQ	160.5760, -63.6360, -14.1320

Conversions

Conversions Part 2

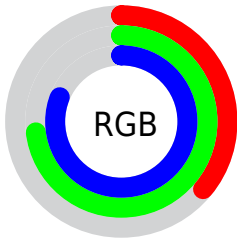
Format	Color
RYB	91, 144, 207
Decimal	6011855
CIELab	71.06, -22.59, -18.68
CIELCh	71, 29.314, 219.579
Yxy	42.2698, 0.2364, 0.2997
Android (android.graphics.Color)	4284201935 (0xFF5BBBCF)
YUV	160.5760, 22.8870, -61.0182
Hunter-Lab	65.0152, -22.2216, -14.1601

Details

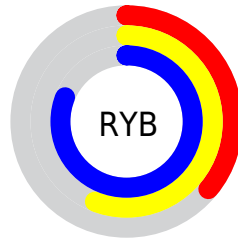
The Hex color **5BBBCF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CF6F5B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **96F3FF**, and **0F8699** is the 20% darker color. If you saturate the color by 10%, you get **46B7CF**, and if you desaturate by 10%, it is **70BFCF**.

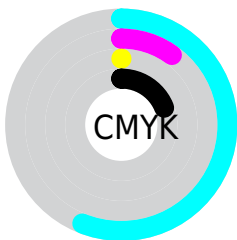
Distribution



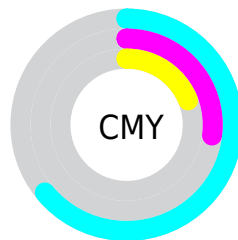
- Red (36%)
- Green (73%)
- Blue (81%)



- Red (36%)
- Yellow (56%)
- Blue (81%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 5BBBCF

 5BBBCF

FFFFFF

 3BA0B3

 96F3FF

 0F8699

 B3FFFF


 006C7F

 D1FFFF

 005466

 EEEFFF

 003C4E

 002637

 000922

 000008

 000000

■ 5BBBCF

■ 5BBBCF

■ 46B7CF

■ 70BFCF

■ 32B4CF

■ 84C2CF

■ 1DB0CF

■ 99C6CF

■ 08ADCF

■ AEC9CF

■ 00ABCF

■ C3CDCF

■ D7D0CF

■ ECD4CF

■ FFD8CF

■ FFDBCf

Harmonies

Analogous

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



62BDB6



5BBBCF



72B6DF

Triad

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



5BBBCF



D79DC1



B8AF79

Complementary

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



5BBBCF



CF6F5B

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.



D1A67C



5BBBCF



E39AA6

Square

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



5BBBCF



BDA4D7



E09E8D



9BB684

Rectangle

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



5BBBCF



8BB1E3



E09E8D



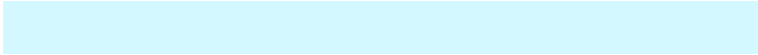
C1AC79

Sweetspot

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



5BBBCF



D4F8FF



5BCF6E



667B80



000000



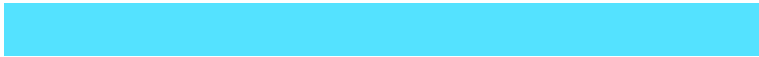
808080

Same Dimension

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



5BBBCF



54E2FF



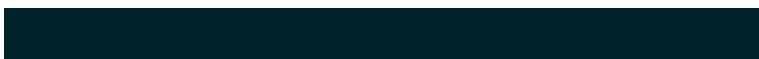
5B82CF



5E6769



008BA8



002229

Inverse Universe

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



CF5BBB



FF54E2



CFA85B



695E67



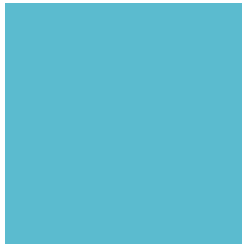
A8008B



290022

Previews

White Background



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

Color Contrast Check

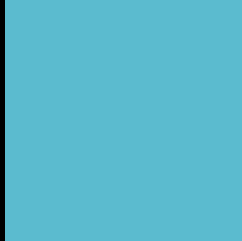
Large Text (above 18pt) WCAG AA × Fail

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 5BBBCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

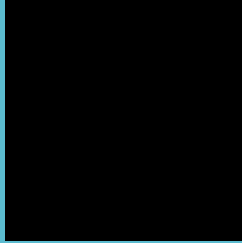
Any Text WCAG AA ✓ Pass

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 5BBBCF Background



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

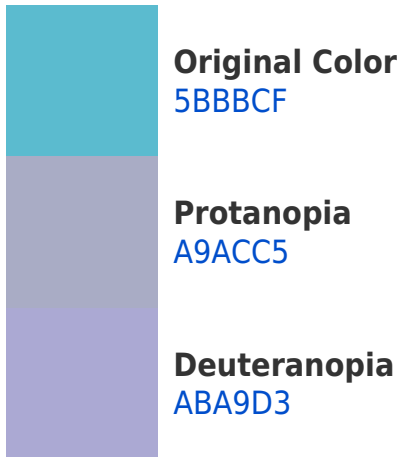


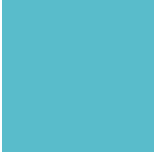
This preview shows how white text looks on a background with the Hex color 5BBBCF.

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](#).

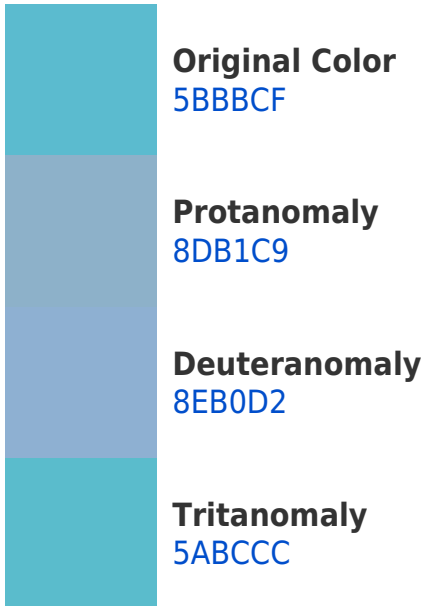
Dichromacy



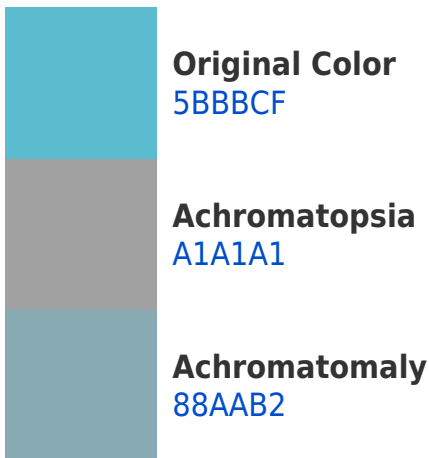


Tritanopia
59BCCB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #5BBBCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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