

Converting Colors

Hex(5BBCE0)

Have a look what the booklet for
Hex(5BBCE0) contains.

Hex(5BBCE0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5BBCE0)

Conversions

Conversions Part 1

Format	Color
Hex	5BBCE0
RGB	91, 188, 224
RGB Percent	36%, 74%, 88%
CMY	0.6431, 0.2627, 0.1216
CMYK	0.59, 0.16, 0.00, 0.12
HSL	196°, 68%, 62%
HSV	196°, 59%, 88%
XYZ	35.7521, 43.5724, 77.0470
YIQ	163.1010, -69.3680, -9.3680

Conversions

Conversions Part 2

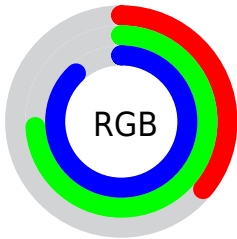
Format	Color
RYB	91, 147, 224
Decimal	6012128
CIELab	71.94, -18.13, -26.60
CIELCh	72, 32.189, 235.724
Yxy	43.5724, 0.2286, 0.2786
Android (android.graphics.Color)	4284202208 (0xFF5BBCE0)
YUV	163.1010, 30.0232, -63.2326
Hunter-Lab	66.0094, -18.8369, -22.9974

Details

The Hex color **5BBCE0** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E07F5B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **97F4FF**, and **0287A9** is the 20% darker color. If you saturate the color by 10%, you get **45B6E0**, and if you desaturate by 10%, it is **71C2E0**.

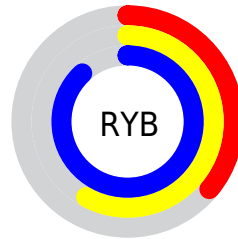
Distribution



Red (36%)

Green (74%)

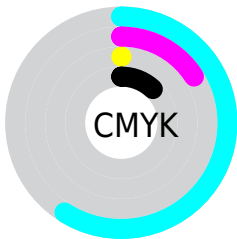
Blue (88%)



Red (36%)

Yellow (58%)

Blue (88%)

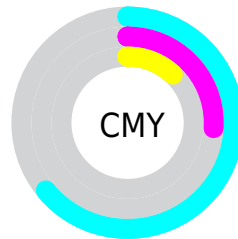


Cyan (59%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (64%)

Magenta (26%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BBCE0 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 5BBCE0 by changing the saturation by 10% instead.

5BBCE0

5BBCE0

FFFFFF

3AA1C4

97F4FF

0287A9

B5FFFF

006D8E

D3FFFF

005574

F1FFFF

003D5C

002744

00102E

000118

000000

■ 5BBCE0

■ 5BBCE0

■ 45B6E0

■ 71C2E0

■ 2EB0E0

■ 88C8E0

■ 18AAE0

■ 9ECE00

■ 01A4E0

■ B5D4E0

■ 00A3E0

■ CBD4E0

■ E1E0E0

■ F8E6E0

■ FFEDE0

■ FFF3E0

Harmonies

Analogous

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



4FC0C9



5BBCE0



83B4EA

Triad

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



5BBCE0



E69BB6



AAB67B

Complementary

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



5BBCE0



E07F5B

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.



C9AD76



5BBCE0



EB9C98

Square

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



5BBCE0



D2A0D2



DFA381



88BD8E

Rectangle

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



5BBCE0



A0AEE9



DFA381



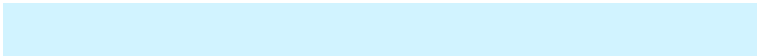
B5B377

Sweetspot

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



5BBCE0



D1F3FF



5BE07E



637880



000000



808080

Same Dimension

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



5BBCE0



4ACEFF



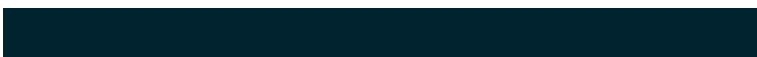
5B7AE0



656D70



0080B0



002330

Inverse Universe

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



E05BBC



FF4ACE



E0C15B



70656D



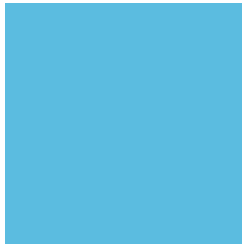
B00080



300023

Previews

White Background



This preview shows how the Hex color 5BBCE0 looks on a white background.

Color Contrast Check

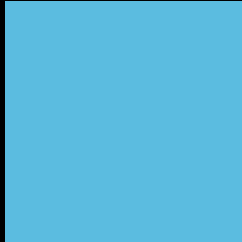
Large Text (above 18pt) WCAG AA × Fail

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 5BBCE0 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 5BBCE0 Background



This preview shows how black text looks on a background with the Hex color 5BBCE0.

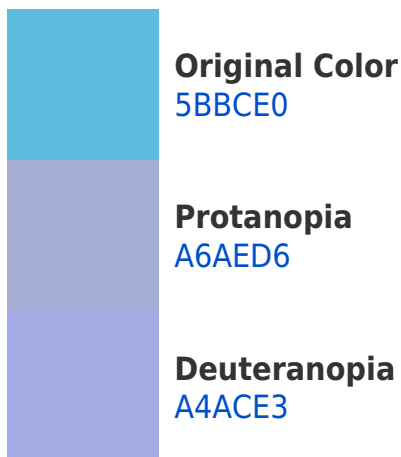


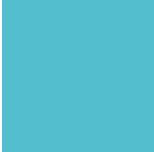
This preview shows how white text looks on a background with the Hex color 5BBCE0.

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](#).

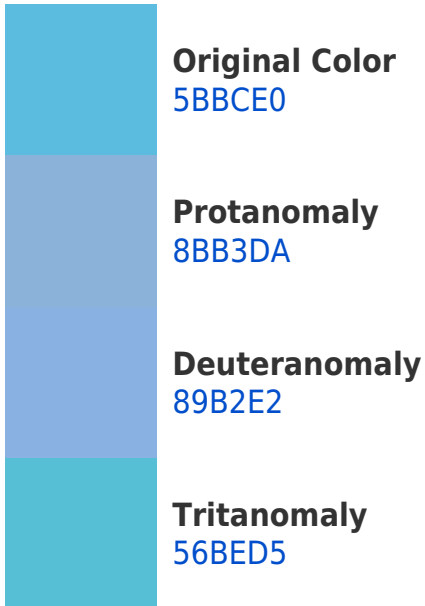
Dichromacy



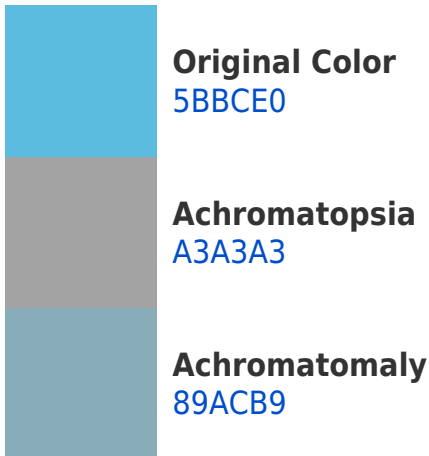


Tritanopia
53BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BBCE0 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 #5BBCE0 looks like.

```
.text, #text, p{  
    color:#5BBCE0  
}
```

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 #5BBCE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBCE0
}
```

Border

The CSS property to change the border of an element to Hex 5BBCE0 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
#5BBCE0 }
```

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

```
.border{ border-color:#5BBCE0 }
```

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

Here you see how a box with a 4 pixel #5BBCE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBCE0; -webkit-box-shadow:4px 4px  
4px 4px #5BBCE0; box-shadow:4px 4px 4px  
4px #5BBCE0 }
```

Background

The CSS property to change the background color of an element to Hex 5BBCE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBCE0 }
```

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

```
.background{ background-color:#5BBCE0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor