

Converting Colors

Hex(51BBE0)

Have a look what the booklet for
Hex(51BBE0) contains.

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Color

Hex(51BBE0)

Conversions

Conversions Part 1

Format	Color
Hex	51BBE0
RGB	81, 187, 224
RGB Percent	32%, 73%, 88%
CMY	0.6824, 0.2667, 0.1216
CMYK	0.64, 0.17, 0.00, 0.12
HSL	196°, 70%, 60%
HSV	196°, 64%, 88%
XYZ	34.6182, 42.6718, 76.9329
YIQ	159.5240, -75.0530, -10.9650

Conversions

Conversions Part 2

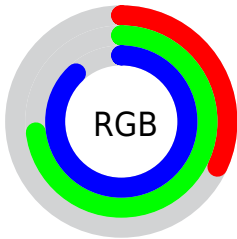
Format	Color
R_{YB}	81, 142, 224
Decimal	5356512
CIE _{Lab}	71.33, -19.36, -27.56
CIE _{LCh}	71, 33.679, 234.922
Yxy	42.6718, 0.2245, 0.2767
Android (android.graphics.Color)	4283546592 (0xFF51BBE0)
YUV	159.5240, 31.7867, -68.8655
Hunter-Lab	65.3237, -19.7205, -24.1004

Details

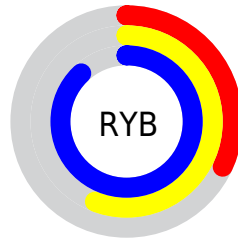
The Hex color **51BBE0** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **E07651**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8FF3FF**, and **0086A9** is the 20% darker color. If you saturate the color by 10%, you get **3BB5E0**, and if you desaturate by 10%, it is **67C1E0**.

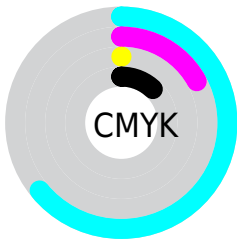
Distribution



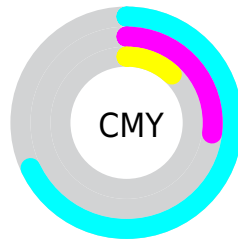
- Red (32%)
- Green (73%)
- Blue (88%)



- Red (32%)
- Yellow (56%)
- Blue (88%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51BBE0 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 51BBE0 by changing the saturation by 10% instead.

51BBE0

51BBE0

FFFFFF

2BA0C4

8FF3FF

0086A9

ADFFFF

006C8E

CCFFFF

005474

EAFFFF

003D5C

002744

000C2E

000118

000000

■ 51BBE0

■ 51BBE0

■ 3BB5E0

■ 67C1E0

■ 24AFE0

■ 7EC7E0

■ 0EAAE0

■ 94CCE0

■ 00A6E0

■ ABD2E0

■ C1D8E0

■ D7DEE0

■ EEE4E0

■ FFE9E0

■ FFEFE0

Harmonies

Analogous

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



45BFC7



51BBE0



7DB3EB

Triad

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



51BBE0



E798B5



A9B576

Complementary

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



51BBE0



E07651

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.



C9AB71



51BBE0



EB9996

Square

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



51BBE0



D19ED2



E0A17E



86BC8A

Rectangle

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



51BBE0



9CACEA



E0A17E



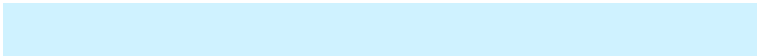
B4B273

Sweetspot

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



51BBE0



CFF2FF



51E075



627880



000000



808080

Same Dimension

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



51BBE0



3BCCFF



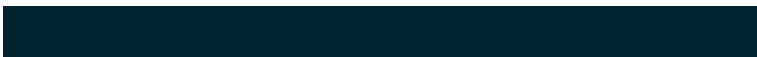
5175E0



656D70



0082B0



002430

Inverse Universe

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



E051BB



FF3BCC



E0BC51



70656D



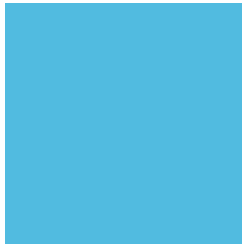
B00082



300024

Previews

White Background



This preview shows how the Hex color 51BBE0 looks on a white background.

Color Contrast Check

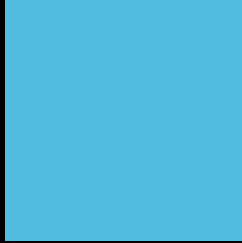
Large Text (above 18pt) WCAG AA × Fail

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 51BBE0 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 51BBE0 Background



This preview shows how black text looks on a background with the Hex color 51BBE0.

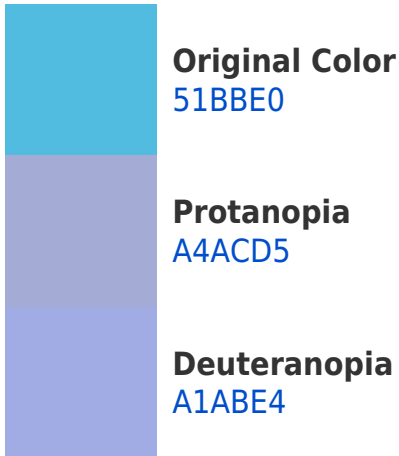


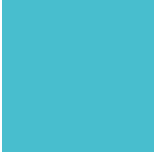
This preview shows how white text looks on a background with the Hex color 51BBE0.

Color Blindness Simulation

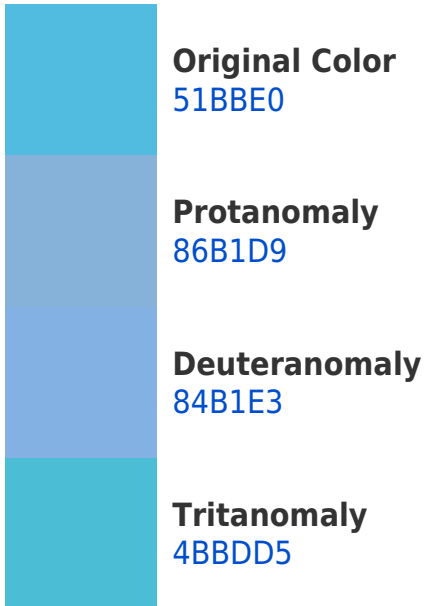
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51BBE0 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 #51BBE0 looks like.

```
.text, #text, p{  
    color:#51BBE0  
}
```

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 #51BBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51BBE0
}
```

Border

The CSS property to change the border of an element to Hex 51BBE0 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
#51BBE0 }
```

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

```
.border{ border-color:#51BBE0 }
```

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

Here you see how a box with a 4 pixel #51BBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51BBE0; -webkit-box-shadow:4px 4px  
4px 4px #51BBE0; box-shadow:4px 4px 4px  
4px #51BBE0 }
```

Background

The CSS property to change the background color of an element to Hex 51BBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51BBE0 }
```

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

```
.background{ background-color:#51BBE0 }
```

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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