

Converting Colors

Hex(55BFD5)

Have a look what the booklet for
Hex(55BFD5) contains.

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Color

Hex(55BFD5)

Conversions

Conversions Part 1

Format	Color
Hex	55BFD5
RGB	85, 191, 213
RGB Percent	33%, 75%, 84%
CMY	0.6667, 0.2510, 0.1647
CMYK	0.60, 0.10, 0.00, 0.16
HSL	190°, 60%, 58%
HSV	190°, 60%, 84%
XYZ	34.3874, 43.9970, 69.6307
YIQ	161.8140, -70.2380, -15.6300

Conversions

Conversions Part 2

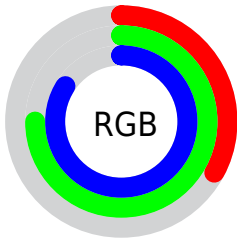
Format	Color
R _Y B	85, 143, 213
Decimal	5619669
CIE Lab	72.23, -24.01, -20.20
CIE LCh	72, 31.372, 220.071
Yxy	43.9970, 0.2323, 0.2972
Android (android.graphics.Color)	4283809749 (0xFF55BFD5)
YUV	161.8140, 25.2347, -67.3659
Hunter-Lab	66.3302, -23.5388, -15.8090

Details

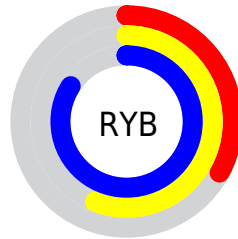
The Hex color **55BFD5** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **D56B55**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **92F8FF**, and **00899E** is the 20% darker color. If you saturate the color by 10%, you get **40BBD5**, and if you desaturate by 10%, it is **6AC3D5**.

Distribution



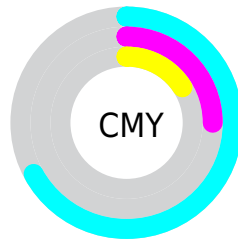
- Red (33%)
- Green (75%)
- Blue (84%)



- Red (33%)
- Yellow (56%)
- Blue (84%)



- Cyan (60%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BFD5 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 55BFD5 by changing the saturation by 10% instead.

 55BFD5

 55BFD5

FFFFFF

 32A4B9

 92F8FF

 00899E

 AFFFFFFF

 007084

 CDFFFF

 00576B

 EBFFFF

 003F53

 00293B

 001126

 000110

 000000

 55BFD5

 55BFD5

 40BBD5

 6AC3D5

 2AB8D5

 80C6D5

 15B4D5

 95CAD5

 00B0D5

 AACED5

 C0D1D5

 D5D5D5

 EAD9D5

 FFDCD5

 FFE0D5

Harmonies

Analogous

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



5DC1BA



55BFD5



70B9E6

Triad

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



55BFD5



DD9EC5



BCB278

Complementary

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



55BFD5



D56B55

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.



D6A97C



55BFD5



EA9CA8

Square

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



55BFD5



C1A6DD



E7A08E



9CBA84

Rectangle

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



55BFD5



8BB4EA



E7A08E



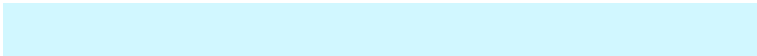
C5AF78

Sweetspot

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



55BFD5



D1F7FF



55D56A



637B80



000000



808080

Same Dimension

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



55BFD5



47DFFF



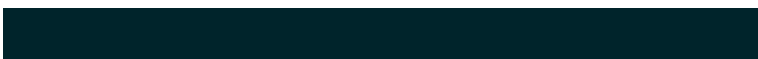
5580D5



60696B



008DAB



00242B

Inverse Universe

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



D555BF



FF47DF



D5AA55



6B6069



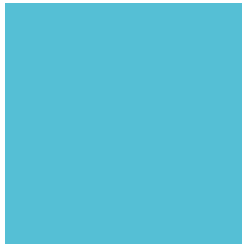
AB008D



2B0024

Previews

White Background



This preview shows how the Hex color 55BFD5 looks on a white background.

Color Contrast Check

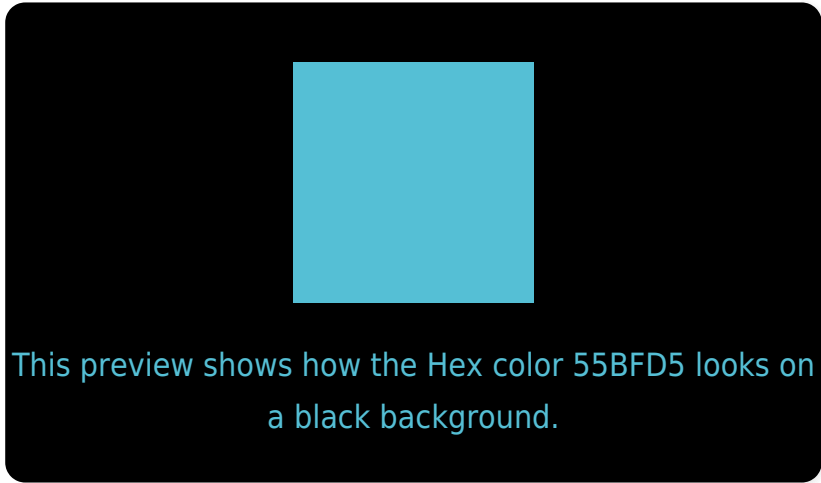
Large Text (above 18pt) WCAG AA × Fail

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

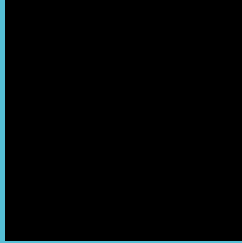
Any Text WCAG AA ✓ Pass

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 55BFD5 Background



This preview shows how black text looks on a background with the Hex color 55BFD5.

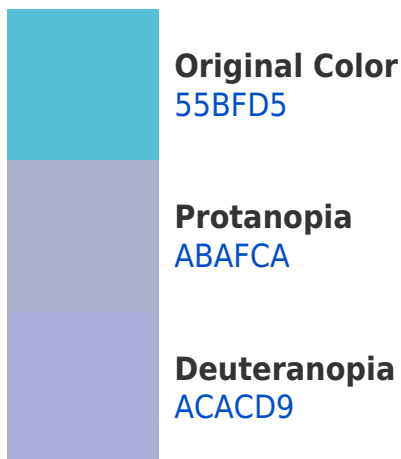


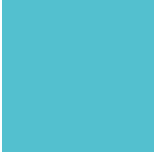
This preview shows how white text looks on a background with the Hex color 55BFD5.

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](#).

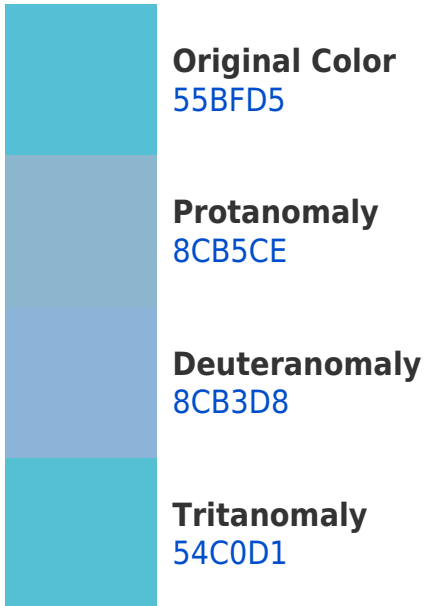
Dichromacy



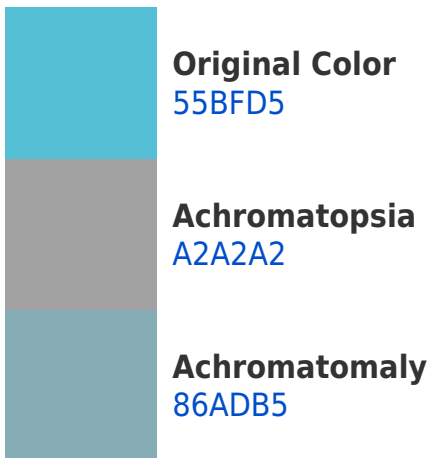


Tritanopia
53C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55BFD5 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 #55BFD5 looks like.

```
.text, #text, p{  
    color:#55BFD5  
}
```

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 #55BFD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BFD5
}
```

Border

The CSS property to change the border of an element to Hex 55BFD5 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
#55BFD5 }
```

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

```
.border{ border-color:#55BFD5 }
```

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

Here you see how a box with a 4 pixel #55BFD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BFD5; -webkit-box-shadow:4px 4px  
4px 4px #55BFD5; box-shadow:4px 4px 4px  
4px #55BFD5 }
```

Background

The CSS property to change the background color of an element to Hex 55BFD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BFD5 }
```

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

```
.background{ background-color:#55BFD5 }
```

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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