

# Converting Colors

Hex(55CBDF)

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

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# **Color**

**Hex(55CBDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55CBDF
RGB	85, 203, 223
RGB Percent	33%, 80%, 87%
CMY	0.6667, 0.2039, 0.1255
CMYK	0.62, 0.09, 0.00, 0.13
HSL	189°, 68%, 60%
HSV	189°, 62%, 87%
XYZ	38.4215, 49.9709, 77.4324
YIQ	169.9980, -76.7480, -18.7960

# Conversions

## Conversions Part 2

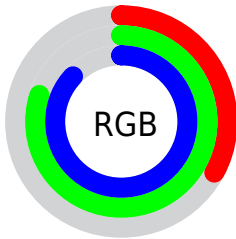
Format	Color
R <sub>Y</sub> B	85, 149, 223
Decimal	5622751
CIE Lab	76.05, -27.07, -19.81
CIE LCh	76, 33.547, 216.193
Yxy	49.9709, 0.2317, 0.3013
Android (android.graphics.Color)	4283812831 (0xFF55CBDF)
YUV	169.9980, 26.1300, -74.5432
Hunter-Lab	70.6901, -26.6892, -15.4619

# Details

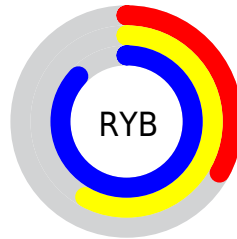
The Hex color **55CBDF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DF6955**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **93FFFF**, and **0095A8** is the 20% darker color. If you saturate the color by 10%, you get **3FC8DF**, and if you desaturate by 10%, it is **6BCEDF**.

# Distribution



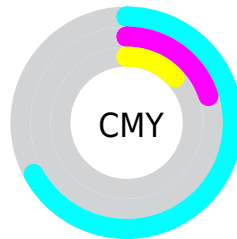
- Red (33%)
- Green (80%)
- Blue (87%)



- Red (33%)
- Yellow (58%)
- Blue (87%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ 55CBDF

■ 55CBDF

FFFFFF

■ 30AFC3

■ 93FFFF

■ 0095A8

■ B2FFFF

■ 007A8D

■ D0FFFF

■ 006174

■ EEEFFF

■ 00495B

■ 003244

■ 001F2D

■ 000119

■ 000000

 55CBDF

 55CBDF

 3FC8DF

 6BCEDF

 28C5DF

 82D1DF

 12C1DF

 98D5DF

 00BFDF

 AED8DF

 C4DBDF

 DBDEDF

 F1E2DF

 FFE5DF

 FFE8DF

# Harmonies

## Analogous

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



63CDC1



55CBDF



6FC5F3

# Triad

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



55CBDF



E8A8D5



CBBC7E

# Complementary

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



55CBDF



DF6955

# 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.



E6B184



55CBDF



F8A4B6

# Square

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



55CBDF



C8B1EE



F7A898



A9C589

# Rectangle

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



55CBDF



8CC0F9



F7A898



D5B87E

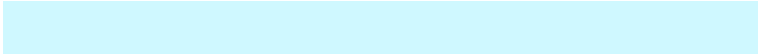


# Sweetspot

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



55CBDF



CFF8FF



55DF67



627B80



000000



808080



# Same Dimension

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



55CBDF



42E4FF



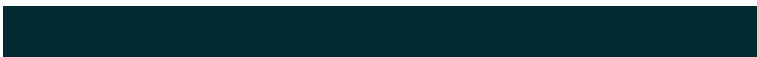
5588DF



656F70



0096B0



002930



# Inverse Universe

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



DF55CB



FF42E4



DFAC55



70656F



B00096

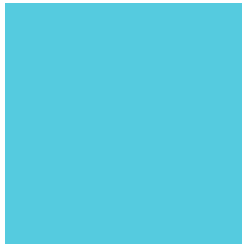


300029



# Previews

## White Background



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

## Color Contrast Check

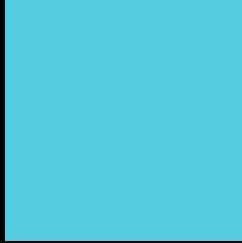
Large Text (above 18pt) WCAG AA × Fail

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 55CBDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

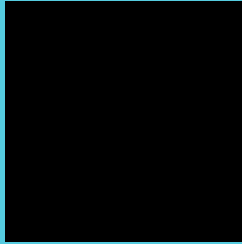
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55CBDF Background



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



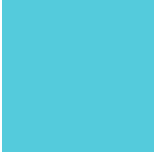
This preview shows how white text looks on a background with the Hex color 55CBDF.

# 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](#).

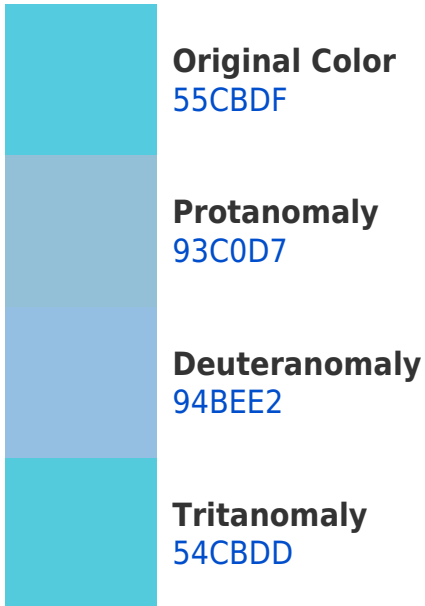
## Dichromacy



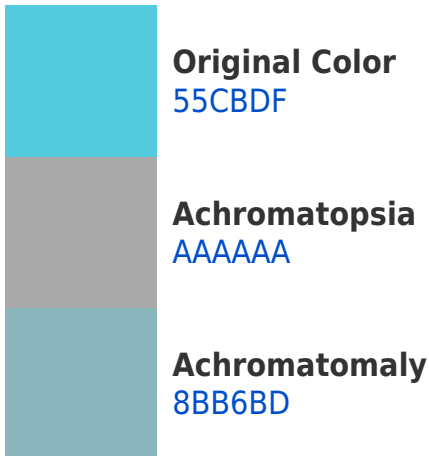


**Tritanopia**  
54CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #55CBDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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