

# Converting Colors

Hex(55D1F0)

Have a look what the booklet for  
Hex(55D1F0) contains.

<b>Hex(55D1F0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(55D1F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55D1F0
RGB	85, 209, 240
RGB Percent	33%, 82%, 94%
CMY	0.6667, 0.1804, 0.0588
CMYK	0.65, 0.13, 0.00, 0.06
HSL	192°, 84%, 64%
HSV	192°, 65%, 94%
XYZ	42.2750, 53.8235, 90.5989
YIQ	175.4580, -83.8550, -16.6470

# Conversions

## Conversions Part 2

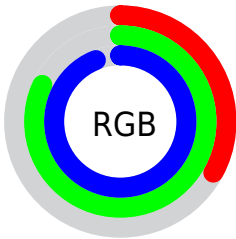
Format	Color
R <sub>Y</sub> B	85, 154, 240
Decimal	5624304
CIE Lab	78.36, -25.05, -25.43
CIE LCh	78, 35.693, 225.424
Yxy	53.8235, 0.2264, 0.2883
Android (android.graphics.Color)	4283814384 (0xFF55D1F0)
YUV	175.4580, 31.8192, -79.3317
Hunter-Lab	73.3645, -25.5305, -21.8630

# Details

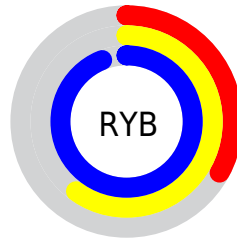
The Hex color **55D1F0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **F07455**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **95FFFF**, and **009AB8** is the 20% darker color. If you saturate the color by 10%, you get **3DCCF0**, and if you desaturate by 10%, it is **6DD6F0**.

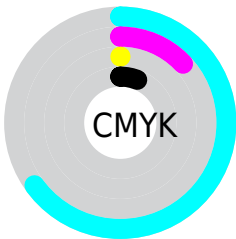
# Distribution



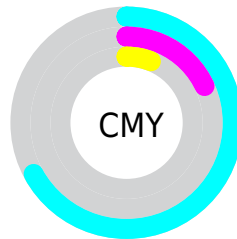
- Red (33%)
- Green (82%)
- Blue (94%)



- Red (33%)
- Yellow (60%)
- Blue (94%)



- Cyan (65%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (67%)
- Magenta (18%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55D1F0 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 55D1F0 by changing the saturation by 10% instead.



 55D1F0

 55D1F0

FFFFFF

 2DB5D4

 95FFFF

 009AB8

 B4FFFF

 00809D

 D3FFFF

 006783

 F2FFFF

 004E6A

 003751

 00233A

 000225

 00010D

■ 55D1F0

■ 55D1F0

■ 3DCCF0

■ 6DD6F0

■ 25C7F0

■ 85DBF0

■ 0DC3F0

■ 9DDFF0

■ 00C0F0

■ B5E4F0

■ CDE9F0

■ E5EEF0

■ FDF3F0

■ FFF7F0

■ FFFCF0

# Harmonies

## Analogous

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



58D4D2



55D1F0



7CCAFF

# Triad

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



55D1F0



F9ABD3



C7C581

# Complementary

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



55D1F0



F07455

# 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.



E7BA82



55D1F0



FFA9B2

# Square

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



55D1F0



DCB3F1



FDAF94



A2CE92

# Rectangle

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



55D1F0



9EC3FF



FDAF94



D3C27F

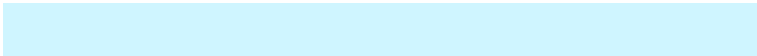


# Sweetspot

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



55D1F0



CFF5FF



55F074



627A80



000000



808080



# Same Dimension

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



55D1F0



38D7FF



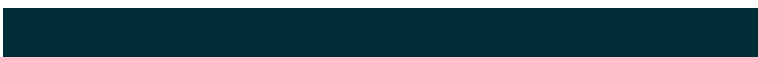
5583F0



6C7578



0093B8



002D38



# Inverse Universe

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



F055D1



FF38D7



F0C155



786C75



B80093

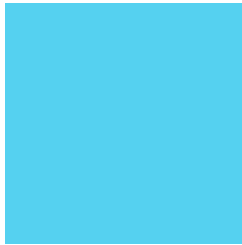


38002D



# Previews

## White Background



This preview shows how the Hex color 55D1F0 looks on a white background.

## Color Contrast Check

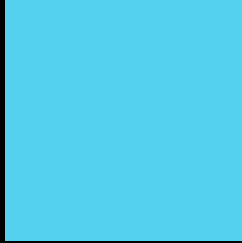
Large Text (above 18pt) WCAG AA × Fail

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 55D1F0 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 55D1F0 Background



This preview shows how black text looks on a background with the Hex color 55D1F0.

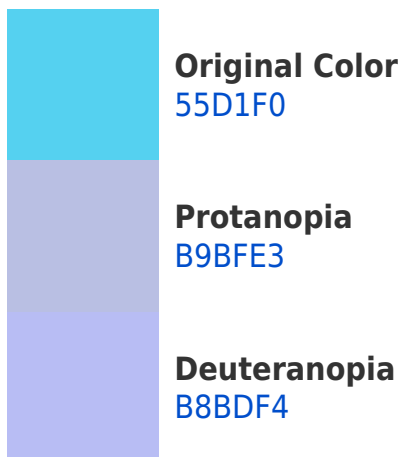


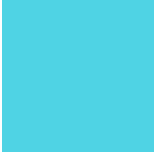
This preview shows how white text looks on a background with the Hex color 55D1F0.

# 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](#).

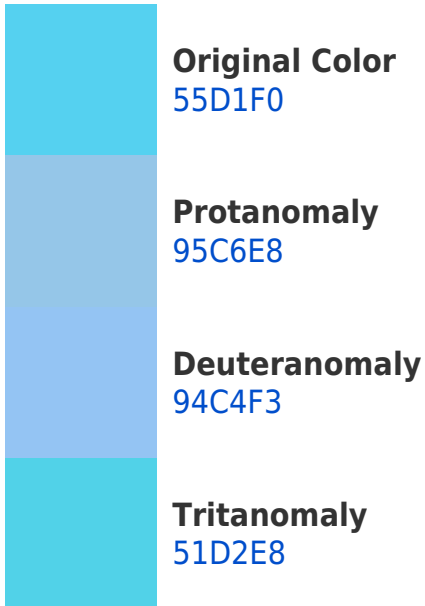
## Dichromacy



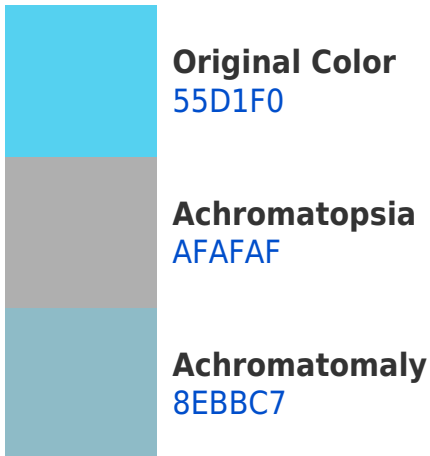


**Tritanopia**  
4FD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55D1F0 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 #55D1F0 looks like.

```
.text, #text, p{  
    color:#55D1F0  
}
```

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 #55D1F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D1F0
}
```

## Border

The CSS property to change the border of an element to Hex 55D1F0 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
#55D1F0 }
```

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

```
.border{ border-color:#55D1F0 }
```

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

Here you see how a box with a 4 pixel #55D1F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D1F0; -webkit-box-shadow:4px 4px  
4px 4px #55D1F0; box-shadow:4px 4px 4px  
4px #55D1F0 }
```

# Background

The CSS property to change the background color of an element to Hex 55D1F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D1F0 }
```

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

```
.background{ background-color:#55D1F0 }
```

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