

# Converting Colors

Hex(55D8F3)

Have a look what the booklet for  
Hex(55D8F3) contains.

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# **Color**

**Hex(55D8F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55D8F3
RGB	85, 216, 243
RGB Percent	33%, 85%, 95%
CMY	0.6667, 0.1529, 0.0471
CMYK	0.65, 0.11, 0.00, 0.05
HSL	190°, 87%, 64%
HSV	190°, 65%, 95%
XYZ	44.4798, 57.5141, 93.5510
YIQ	179.9090, -86.7430, -19.3750

# Conversions

## Conversions Part 2

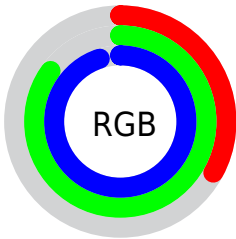
Format	Color
<b>RYB</b>	85, 157, 243
Decimal	5626099
CIELab	80.47, -27.62, -23.81
CIELCh	80, 36.466, 220.764
Yxy	57.5141, 0.2275, 0.2941
Android (android.graphics.Color)	4283816179 (0xFF55D8F3)
YUV	179.9090, 31.1039, -83.2352
Hunter-Lab	75.8380, -28.0244, -20.0513

# Details

The Hex color **55D8F3** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **F37055**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **96FFFF**, and **00A1BB** is the 20% darker color. If you saturate the color by 10%, you get **3DD4F3**, and if you desaturate by 10%, it is **6DDCF3**.

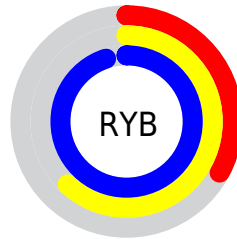
# Distribution



Red (33%)

Green (85%)

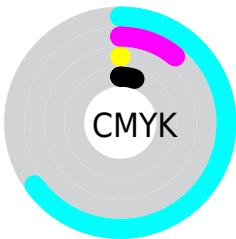
Blue (95%)



Red (33%)

Yellow (62%)

Blue (95%)

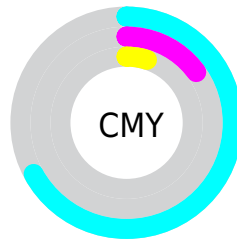


Cyan (65%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (15%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55D8F3 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 55D8F3 by changing the saturation by 10% instead.



 55D8F3

 55D8F3

FFFFFF

 2CBCD7

 96FFFF

 00A1BB

 B5FFFF

 0086A0

 D4FFFF

 006D86

 F3FFFF

 00546C

 003D54

 00273D

 000627

 000111

■ 55D8F3

■ 55D8F3

■ 3DD4F3

■ 6DDCF3

■ 24D0F3

■ 86E0F3

■ 0CCCF3

■ 9EE4F3

■ 00C9F3

■ B6E9F3

■ CEEDF3

■ E7F1F3

■ FFF5F3

■ FFF9F3

■ FFFDF3

# Harmonies

## Analogous

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



5FDAD3



55D8F3



78D1FF

# Triad

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



55D8F3



FDB1DF



D3CA84

# Complementary

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



55D8F3



F37055

# 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.



F2BE88



55D8F3



FFAEBC

# Square

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



55D8F3



DCBBFB



FFB39D



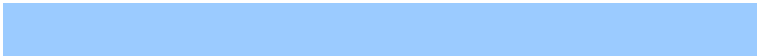
ADD393

# Rectangle

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



55D8F3



9BCBFF



FFB39D



DEC683

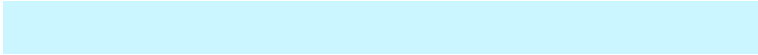


# Sweetspot

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



55D8F3



CCF6FF



55F36F



617A80



000000



808080



# Same Dimension

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



55D8F3



38DDFF



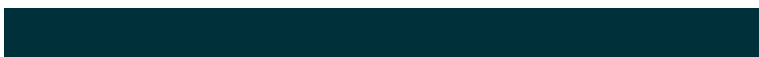
558AF3



6E787A



009ABA



00313B



# Inverse Universe

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



F355D8



FF38DD



F3BE55



7A6E78



BA009A

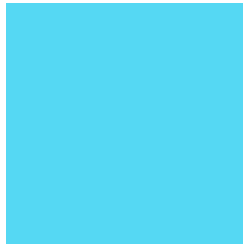


3B0031



# Previews

## White Background



This preview shows how the Hex color 55D8F3 looks on a white background.

## Color Contrast Check

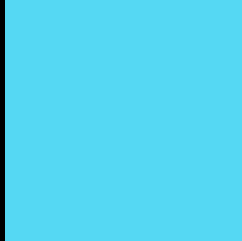
Large Text (above 18pt) WCAG AA × Fail

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 55D8F3 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 55D8F3 Background



This preview shows how black text looks on a background with the Hex color 55D8F3.

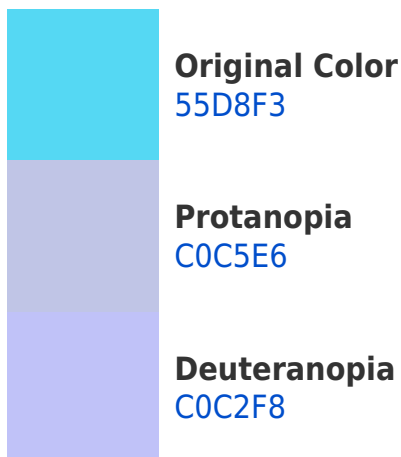


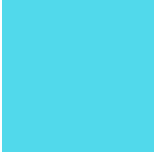
This preview shows how white text looks on a background with the Hex color 55D8F3.

# 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](#).

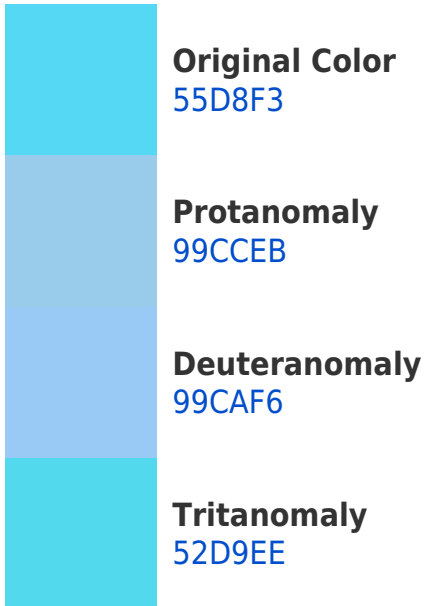
## Dichromacy



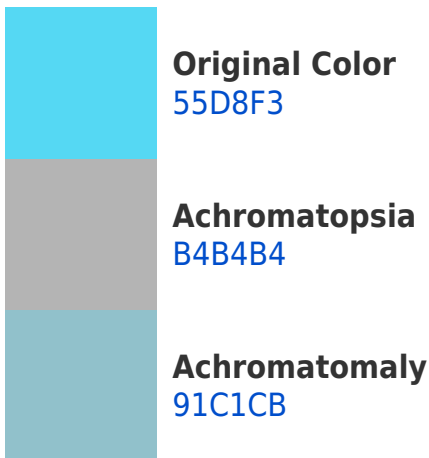


**Tritanopia**  
51D9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55D8F3 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 #55D8F3 looks like.

```
.text, #text, p{  
    color:#55D8F3  
}
```

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 #55D8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D8F3
}
```

## Border

The CSS property to change the border of an element to Hex 55D8F3 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
#55D8F3 }
```

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

```
.border{ border-color:#55D8F3 }
```

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

Here you see how a box with a 4 pixel #55D8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D8F3; -webkit-box-shadow:4px 4px  
4px 4px #55D8F3; box-shadow:4px 4px 4px  
4px #55D8F3 }
```

# Background

The CSS property to change the background color of an element to Hex 55D8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D8F3 }
```

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

```
.background{ background-color:#55D8F3 }
```

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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