

Converting Colors

Hex(55B1F3)

Have a look what the booklet for
Hex(55B1F3) contains.

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Color

Hex(55B1F3)

Conversions

Conversions Part 1

Format	Color
Hex	55B1F3
RGB	85, 177, 243
RGB Percent	33%, 69%, 95%
CMY	0.6667, 0.3059, 0.0471
CMYK	0.65, 0.27, 0.00, 0.05
HSL	205°, 87%, 64%
HSV	205°, 65%, 95%
XYZ	35.6461, 39.8466, 90.6064
YIQ	157.0160, -76.0180, 1.0220

Conversions

Conversions Part 2

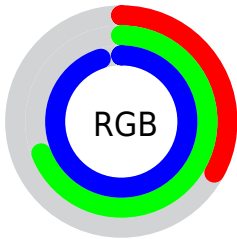
Format	Color
R _Y B	85, 143, 243
Decimal	5616115
CIE Lab	69.36, -7.36, -40.95
CIE LCh	69, 41.601, 259.813
Yxy	39.8466, 0.2146, 0.2399
Android (android.graphics.Color)	4283806195 (0xFF55B1F3)
YUV	157.0160, 42.3901, -63.1580
Hunter-Lab	63.1242, -9.6687, -40.9160

Details

The Hex color **55B1F3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **F39755**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **94E8FF**, and **007DBA** is the 20% darker color. If you saturate the color by 10%, you get **3DA7F3**, and if you desaturate by 10%, it is **6DBBF3**.

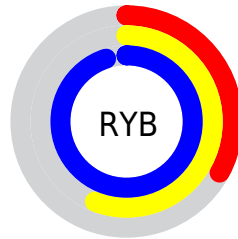
Distribution



Red (33%)

Green (69%)

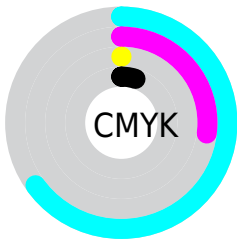
Blue (95%)



Red (33%)

Yellow (56%)

Blue (95%)

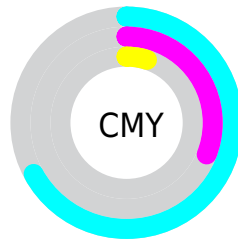


Cyan (65%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B1F3 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 55B1F3 by changing the saturation by 10% instead.

 55B1F3

 55B1F3

FFFFFF

 2F96D6

 94E8FF

 007DBA

 B3FFFF

 00649F

 D1FFFF

 004C85

 F0FFFF

 00366B

 002153

 00063B

 000225

 00010D

■ 55B1F3

■ 55B1F3

■ 3DA7F3

■ 6DBBF3

■ 249DF3

■ 86C5F3

■ 0C93F3

■ 9ECFF3

■ 008DF3

■ B6DAF3

■ CEE4F3

■ E7EEF3

■ FFF8F3

■ FFFFF3

Harmonies

Analogous

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



00B9E2



55B1F3



9AA4F0

Triad

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



55B1F3



F28C92



7DB877

Complementary

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



55B1F3



F39755

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.



A8AF61



55B1F3



E79671

Square

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



55B1F3



EA8DB8



CDA35F



47BC9B

Rectangle

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



55B1F3



BD9BE3



CDA35F



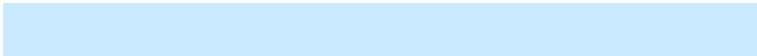
8CB56E

Sweetspot

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



55B1F3



CCEAFF



55F397



617380



000000



808080

Same Dimension

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



55B1F3



38ACFF



5562F3



6E757A



006CBA



00223B

Inverse Universe

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



F355B1



FF38AC



F3E655



7A6E75



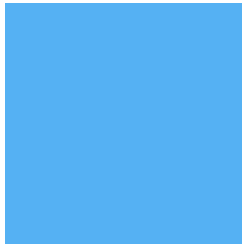
BA006C



3B0022

Previews

White Background



This preview shows how the Hex color 55B1F3 looks on a white background.

Color Contrast Check

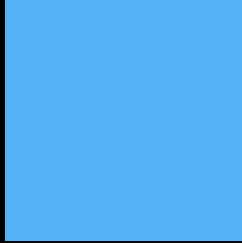
Large Text (above 18pt) WCAG AA × Fail

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 55B1F3 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

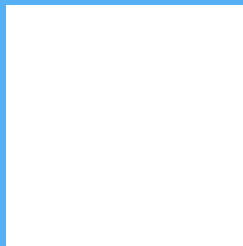
Any Text WCAG AAA ✓ Pass

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

Hex 55B1F3 Background



This preview shows how black text looks on a background with the Hex color 55B1F3.

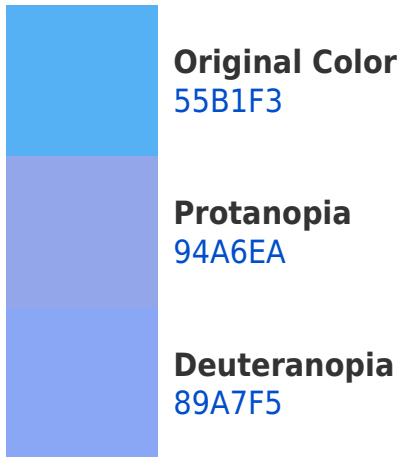


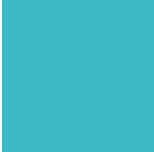
This preview shows how white text looks on a background with the Hex color 55B1F3.

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](#).

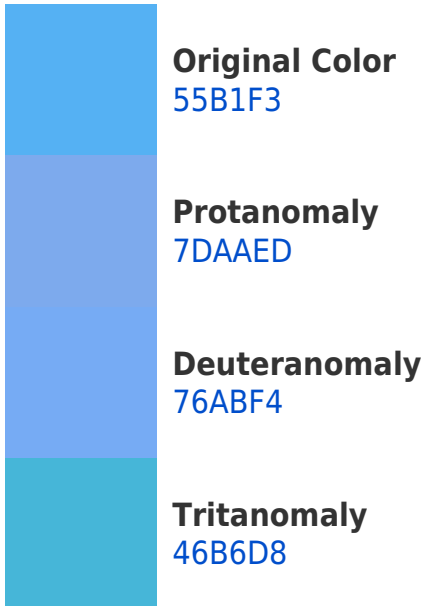
Dichromacy



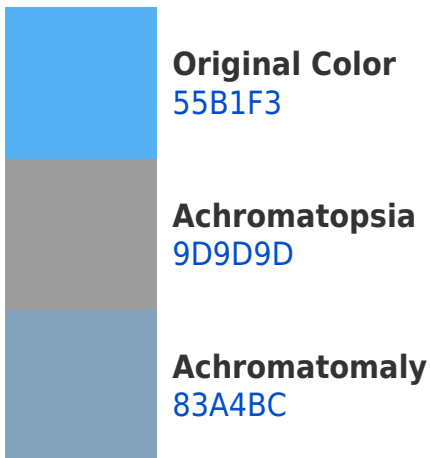


Tritanopia
3DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B1F3 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 #55B1F3 looks like.

```
.text, #text, p{  
    color:#55B1F3  
}
```

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 #55B1F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B1F3  
}
```

Border

The CSS property to change the border of an element to Hex 55B1F3 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  
#55B1F3 }
```

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

```
.border{ border-color:#55B1F3 }
```

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

Here you see how a box with a 4 pixel #55B1F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B1F3; -webkit-box-shadow:4px 4px  
4px 4px #55B1F3; box-shadow:4px 4px 4px  
4px #55B1F3 }
```

Background

The CSS property to change the background color of an element to Hex 55B1F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B1F3 }
```

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

```
.background{ background-color:#55B1F3 }
```

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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