

Converting Colors

Hex(56B4FA)

Have a look what the booklet for
Hex(56B4FA) contains.

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Color

Hex(56B4FA)

Conversions

Conversions Part 1

Format	Color
Hex	56B4FA
RGB	86, 180, 250
RGB Percent	34%, 71%, 98%
CMY	0.6627, 0.2941, 0.0196
CMYK	0.66, 0.28, 0.00, 0.02
HSL	206°, 94%, 66%
HSV	206°, 66%, 98%
XYZ	37.4143, 41.5231, 96.4853
YIQ	159.8740, -78.4940, 1.8420

Conversions

Conversions Part 2

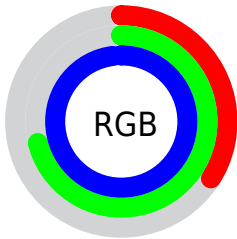
Format	Color
R _Y B	86, 146, 250
Decimal	5682426
CIE Lab	70.54, -6.58, -42.89
CIE LCh	71, 43.395, 261.278
Yxy	41.5231, 0.2133, 0.2367
Android (android.graphics.Color)	4283872506 (0xFF56B4FA)
YUV	159.8740, 44.4321, -64.7875
Hunter-Lab	64.4384, -9.1262, -43.6696

Details

The Hex color **56B4FA** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **FA9C56**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **96ECFF**, and **0080C1** is the 20% darker color. If you saturate the color by 10%, you get **3DA9FA**, and if you desaturate by 10%, it is **6FBFFA**.

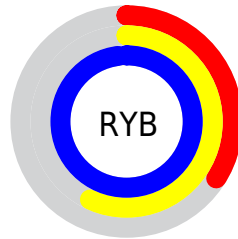
Distribution



Red (34%)

Green (71%)

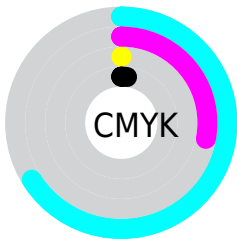
Blue (98%)



Red (34%)

Yellow (57%)

Blue (98%)

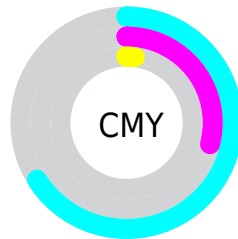


Cyan (66%)

Magenta (28%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B4FA 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 56B4FA by changing the saturation by 10% instead.

 56B4FA

 56B4FA

FFFFFF

 2F99DD

 96ECFF

 0080C1

 B5FFFF

 0067A6

 D3FFFF

 004F8B

 F2FFFF

 003871

 002358

 000A41

 00032A

 000114

■ 56B4FA

■ 56B4FA

■ 3DA9FA

■ 6FBFFA

■ 249FFA

■ 88C9FA

■ 0B94FA

■ A1D4FA

■ 008FFA

■ BADFFA

■ D3E9FA

■ ECF4FA

■ FFFFA

Harmonies

Analogous

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



00BDE9



56B4FA



9FA7F6

Triad

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



56B4FA



F88E92



7BBC7A

Complementary

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



56B4FA



FA9C56

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.



A9B361



56B4FA



EC9870

Square

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



56B4FA



F18EBA



D0A65E



40C19F

Rectangle

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



56B4FA



C49DE8



D0A65E



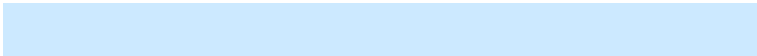
8CB970

Sweetspot

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



56B4FA



CCE9FF



56FA9A



617280



000000



808080

Same Dimension

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



56B4FA



36A9FF



5664FA



70787D



006CBD



00233D

Inverse Universe

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



FA56B4



FF36A9



FAEC56



7D7078



BD006C



3D0023

Previews

White Background



This preview shows how the Hex color 56B4FA looks on a white background.

Color Contrast Check

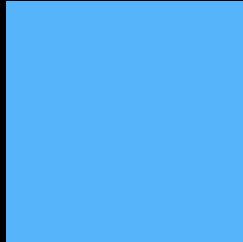
Large Text (above 18pt) WCAG AA × Fail

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 56B4FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

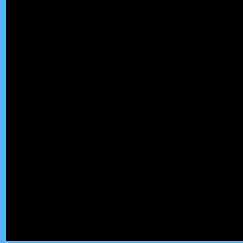
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

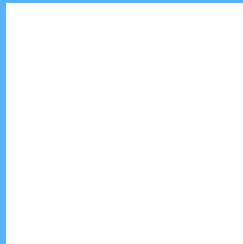
Any Text WCAG AAA ✓ Pass

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

Hex 56B4FA Background



This preview shows how black text looks on a background with the Hex color 56B4FA.

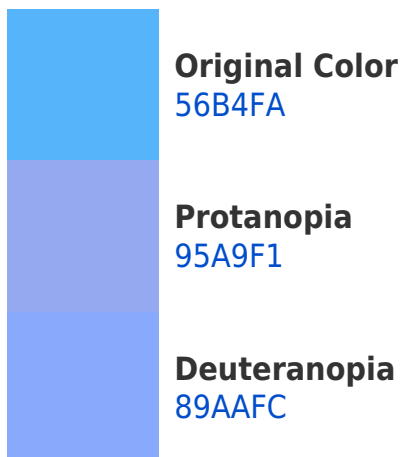


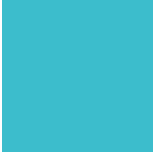
This preview shows how white text looks on a background with the Hex color 56B4FA.

Color Blindness Simulation

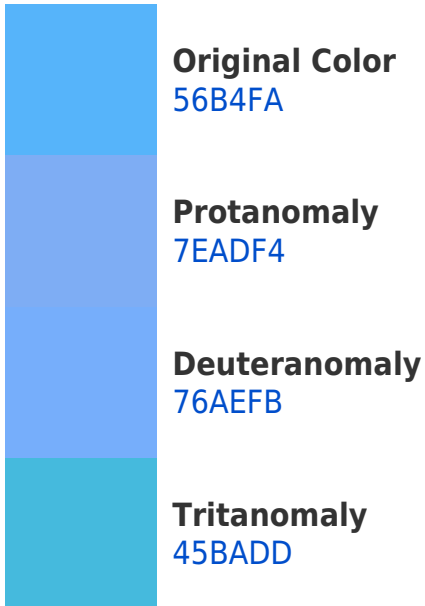
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

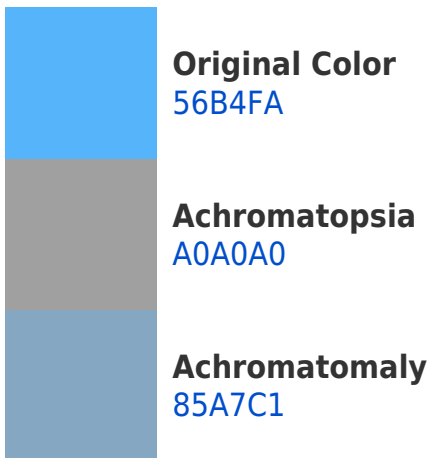




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B4FA 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 #56B4FA looks like.

```
.text, #text, p{  
    color:#56B4FA  
}
```

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 #56B4FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B4FA
}
```

Border

The CSS property to change the border of an element to Hex 56B4FA 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
#56B4FA }
```

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

```
.border{ border-color:#56B4FA }
```

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

Here you see how a box with a 4 pixel #56B4FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B4FA; -webkit-box-shadow:4px 4px  
4px 4px #56B4FA; box-shadow:4px 4px 4px  
4px #56B4FA }
```

Background

The CSS property to change the background color of an element to Hex 56B4FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B4FA }
```

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

```
.background{ background-color:#56B4FA }
```

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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