

Converting Colors

Hex(56AEF9)

Have a look what the booklet for
Hex(56AEF9) contains.

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Color

Hex(56AEF9)

Conversions

Conversions Part 1

Format	Color
Hex	56AEF9
RGB	86, 174, 249
RGB Percent	34%, 68%, 98%
CMY	0.6627, 0.3176, 0.0235
CMYK	0.65, 0.30, 0.00, 0.02
HSL	208°, 93%, 66%
HSV	208°, 65%, 98%
XYZ	36.0727, 39.0901, 95.2664
YIQ	156.2380, -76.5230, 4.6690

Conversions

Conversions Part 2

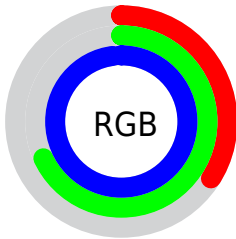
Format	Color
RYB	86, 143, 249
Decimal	5680889
CIELab	68.82, -3.58, -45.05
CIELCh	69, 45.196, 265.455
Yxy	39.0901, 0.2117, 0.2294
Android (android.graphics.Color)	4283870969 (0xFF56AEF9)
YUV	156.2380, 45.7317, -61.5987
Hunter-Lab	62.5221, -6.4264, -46.5762

Details

The Hex color **56AEF9** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **F9A156**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **96E5FF**, and **007AC0** is the 20% darker color. If you saturate the color by 10%, you get **3DA3F9**, and if you desaturate by 10%, it is **6FB9F9**.

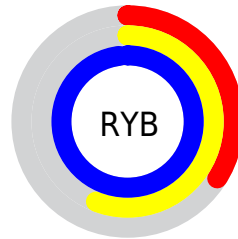
Distribution



Red (34%)

Green (68%)

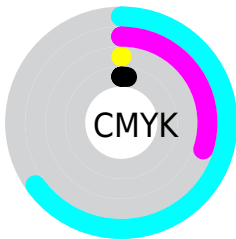
Blue (98%)



Red (34%)

Yellow (56%)

Blue (98%)

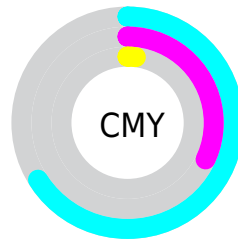


Cyan (65%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AEF9 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 56AEF9 by changing the saturation by 10% instead.

 56AEF9

 56AEF9

FFFFFF

 2F94DC

 96E5FF

 007AC0

 B4FFFF

 0061A5

 D3FFFF

 004A8A

 F1FFFF

 003470

 001F57

 000740

 000329

 000113

■ 56AEF9

■ 56AEF9

■ 3DA3F9

■ 6FB9F9

■ 2497F9

■ 88C5F9

■ 0B8CF9

■ A1D0F9

■ 0086F9

■ BADCF9

■ D3E7F9

■ EBF3F9

■ FFFEF9

■ FFFFF9

Harmonies

Analogous

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



00B8EA



56AEF9



A2A0F2

Triad

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



56AEF9



F58987



6DB978

Complementary

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



56AEF9



F9A156

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.



9EB05C



56AEF9



E59566

Square

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



56AEF9



F187B0



C7A355



1FBDA0

Rectangle

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



56AEF9



C695E2



C7A355



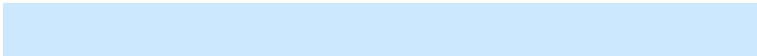
7EB66D

Sweetspot

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



56AEF9



CCE8FF



56F99F



617180



000000



808080

Same Dimension

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



56AEF9



36A2FF



565EF9



70777D



0066BD



00213D

Inverse Universe

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



F956AE



FF36A2



F9F156



7D7077



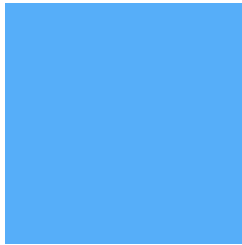
BD0066



3D0021

Previews

White Background



This preview shows how the Hex color 56AEF9 looks on a white background.

Color Contrast Check

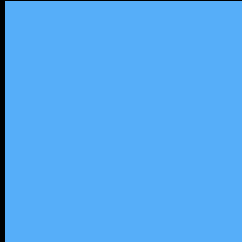
Large Text (above 18pt) WCAG AA × Fail

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 56AEF9 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

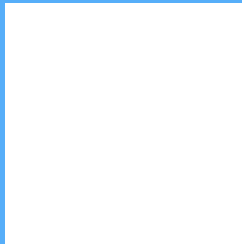
Any Text WCAG AAA ✓ Pass

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

Hex 56AEF9 Background



This preview shows how black text looks on a background with the Hex color 56AEF9.

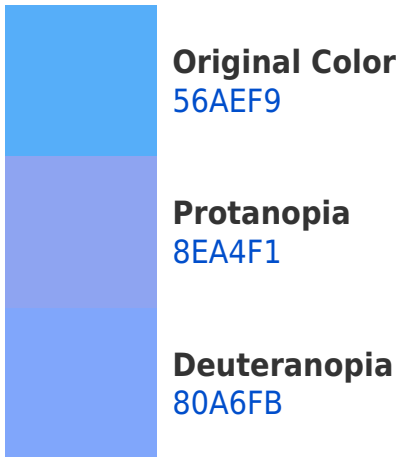


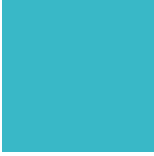
This preview shows how white text looks on a background with the Hex color 56AEF9.

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](#).

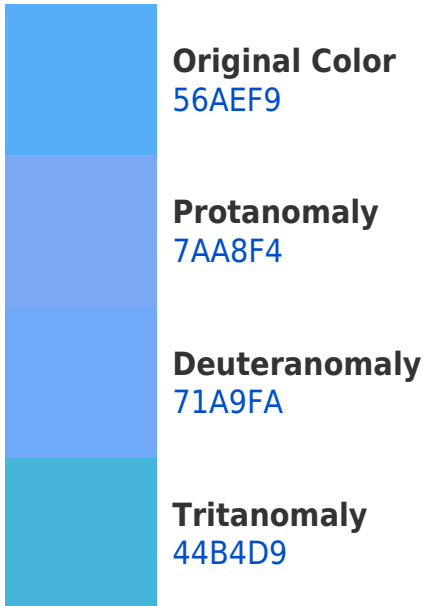
Dichromacy



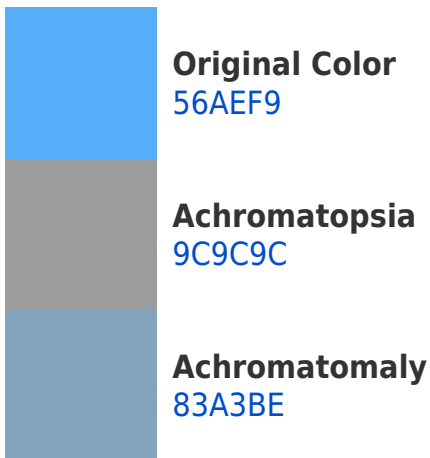


Tritanopia
39B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AEF9 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 #56AEF9 looks like.

```
.text, #text, p{  
    color:#56AEF9  
}
```

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 #56AEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AEF9
}
```

Border

The CSS property to change the border of an element to Hex 56AEF9 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
#56AEF9 }
```

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

```
.border{ border-color:#56AEF9 }
```

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

Here you see how a box with a 4 pixel #56AEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AEF9; -webkit-box-shadow:4px 4px  
4px 4px #56AEF9; box-shadow:4px 4px 4px  
4px #56AEF9 }
```

Background

The CSS property to change the background color of an element to Hex 56AEF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AEF9 }
```

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

```
.background{ background-color:#56AEF9 }
```

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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