

Converting Colors

Hex(56A2FA)

Have a look what the booklet for
Hex(56A2FA) contains.

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Color

Hex(56A2FA)

Conversions

Conversions Part 1

Format	Color
Hex	56A2FA
RGB	86, 162, 250
RGB Percent	34%, 64%, 98%
CMY	0.6627, 0.3647, 0.0196
CMYK	0.66, 0.35, 0.00, 0.02
HSL	212°, 94%, 66%
HSV	212°, 66%, 98%
XYZ	34.0134, 34.7212, 95.3516
YIQ	149.3080, -73.5440, 11.2560

Conversions

Conversions Part 2

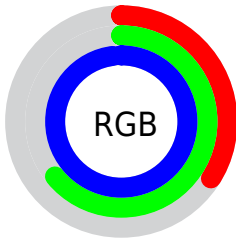
Format	Color
R _{YB}	86, 138, 250
Decimal	5677818
CIE Lab	65.53, 3.56, -50.78
CIE LCh	66, 50.900, 274.006
Yxy	34.7212, 0.2073, 0.2116
Android (android.graphics.Color)	4283867898 (0xFF56A2FA)
YUV	149.3080, 49.6412, -55.5211
Hunter-Lab	58.9247, -0.0818, -54.6954

Details

The Hex color **56A2FA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **FAAE56**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **96D8FF**, and **006FC1** is the 20% darker color. If you saturate the color by 10%, you get **3D95FA**, and if you desaturate by 10%, it is **6FAFFA**.

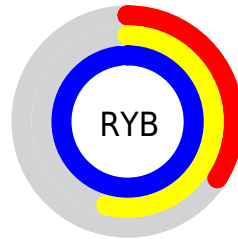
Distribution



Red (34%)

Green (64%)

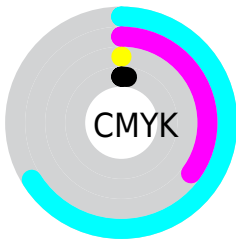
Blue (98%)



Red (34%)

Yellow (54%)

Blue (98%)

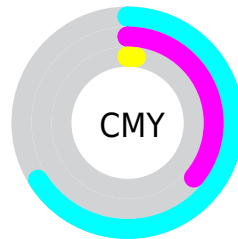


Cyan (66%)

Magenta (35%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (36%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A2FA 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 56A2FA by changing the saturation by 10% instead.

 56A2FA

 56A2FA


FFFFFF

 2F88DD

 96D8FF

 006FC1

 B4F5FF

 0057A5

 D3FFFF

 00408B

 F1FFFF

 002B71

 001758

 000740

 000329

 000113

■ 56A2FA

■ 56A2FA

■ 3D95FA

■ 6FAFFA

■ 2487FA

■ 88BDFa

■ 0B7AFA

■ A1CAFA

■ 0074FA

■ BAD8FA

■ D3E5FA

■ ECF2FA

■ FFFFA

Harmonies

Analogous

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



00AEF0



56A2FA



AA91EB

Triad

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



56A2FA



F07E6F



44B375

Complementary

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



56A2FA



FAAE56

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.



84AB50



56A2FA



D98E4D

Square

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



56A2FA



F3789B



B49F40



00B6A4

Rectangle

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



56A2FA



CF85D5



B49F40



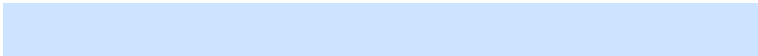
5DB167

Sweetspot

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



56A2FA



CCE4FF



56FAAD



616F80



000000



808080

Same Dimension

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



56A2FA



3693FF



5B56FA



70767D



0057BD



001C3D

Inverse Universe

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



FA56A2



FF3693



F5FA56



7D7076



BD0057



3D001C

Previews

White Background



This preview shows how the Hex color 56A2FA looks on a white background.

Color Contrast Check

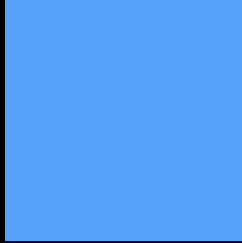
Large Text (above 18pt) WCAG AA × Fail

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 56A2FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

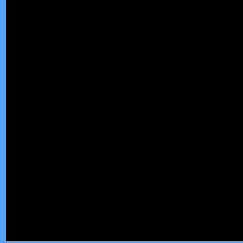
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

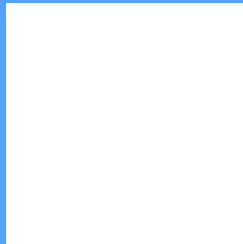
Any Text WCAG AAA ✓ Pass

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

Hex 56A2FA Background



This preview shows how black text looks on a background with the Hex color 56A2FA.

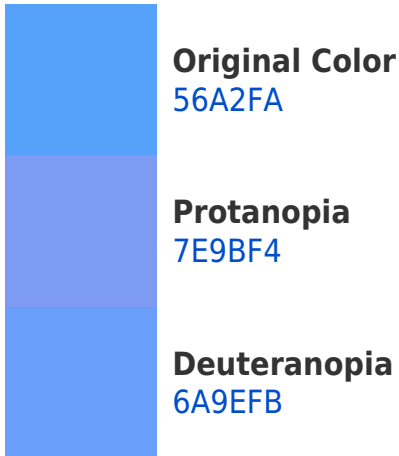


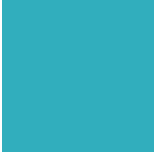
This preview shows how white text looks on a background with the Hex color 56A2FA.

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](#).

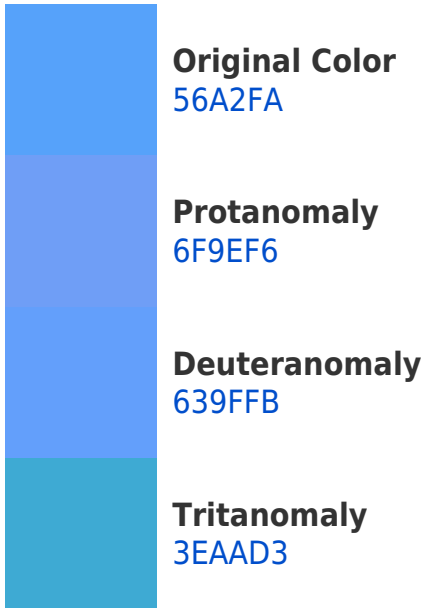
Dichromacy



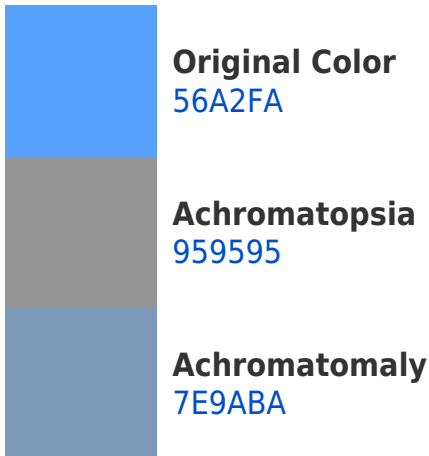


Tritanopia
31AEBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A2FA 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 #56A2FA looks like.

```
.text, #text, p{  
    color:#56A2FA  
}
```

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 #56A2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A2FA
}
```

Border

The CSS property to change the border of an element to Hex 56A2FA 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
#56A2FA }
```

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

```
.border{ border-color:#56A2FA }
```

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

Here you see how a box with a 4 pixel #56A2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A2FA; -webkit-box-shadow:4px 4px  
4px 4px #56A2FA; box-shadow:4px 4px 4px  
4px #56A2FA }
```

Background

The CSS property to change the background color of an element to Hex 56A2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A2FA }
```

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

```
.background{ background-color:#56A2FA }
```

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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