

Converting Colors

Hex(5A85FA)

Have a look what the booklet for
Hex(5A85FA) contains.

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Color

Hex(5A85FA)

Conversions

Conversions Part 1

Format	Color
Hex	5A85FA
RGB	90, 133, 250
RGB Percent	35%, 52%, 98%
CMY	0.6471, 0.4784, 0.0196
CMYK	0.64, 0.47, 0.00, 0.02
HSL	224°, 94%, 67%
HSV	224°, 64%, 98%
XYZ	29.8593, 25.8508, 93.8584
YIQ	133.4810, -63.1850, 27.2710

Conversions

Conversions Part 2

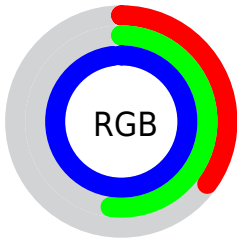
Format	Color
R_{YB}	90, 124, 250
Decimal	5932538
CIE _{Lab}	57.90, 21.39, -62.94
CIE _{LCh}	58, 66.471, 288.768
Yxy	25.8508, 0.1996, 0.1728
Android (android.graphics.Color)	4284122618 (0xFF5A85FA)
YUV	133.4810, 57.4439, -38.1328
Hunter-Lab	50.8437, 15.8522, -73.8598

Details

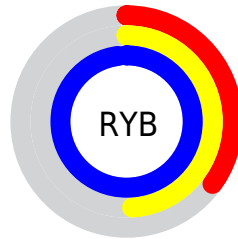
The Hex color **5A85FA** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FACF5A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99BAFF**, and **0054C1** is the 20% darker color. If you saturate the color by 10%, you get **4173FA**, and if you desaturate by 10%, it is **7397FA**.

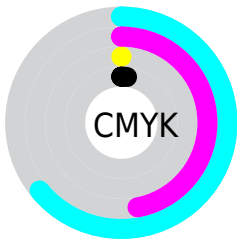
Distribution



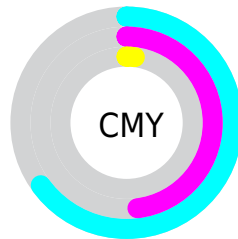
- Red (35%)
- Green (52%)
- Blue (98%)



- Red (35%)
- Yellow (49%)
- Blue (98%)



- Cyan (64%)
- Magenta (47%)
- Yellow (0%)
- Black (2%)



- Cyan (65%)
- Magenta (48%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A85FA 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 5A85FA by changing the saturation by 10% instead.

 5A85FA

 5A85FA

FFFFFF

 356CDD

 99BAFF

 0054C1

 B8D5FF

 003EA5

 D6F1FF

 00298A

 F5FFFF

 001770

 000357

 00063E

 000327

 000111

■ 5A85FA

■ 5A85FA

■ 4173FA

■ 7397FA

■ 2860FA

■ 8CAAFA

■ 0F4EFA

■ A5BCFA

■ 0043FA

■ BECEFA

■ D7E0FA

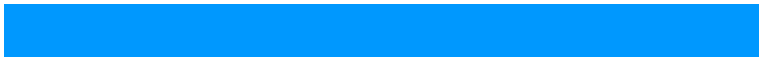
■ F0F3FA

■ FFFFFA

Harmonies

Analogous

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



0098FE



5A85FA



BB6AD9

Triad

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



5A85FA



E06834



00A473

Complementary

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



5A85FA



FACF5A

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.



389F38



5A85FA



B98100

Square

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



5A85FA



F25169



849300



00A6AF

Rectangle

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



5A85FA



DD59B6



849300



00A35E

Sweetspot

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



5A85FA



CFDCFF



5AFACD



626A80



000000



808080

Same Dimension

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



5A85FA



3B6FFF



7D5AFA



70747D



0033BD



00103D

Inverse Universe

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



FA5A85



FF3B6F



D7FA5A



7D7074



BD0033



3D0010

Previews

White Background



This preview shows how the Hex color 5A85FA looks on a white background.

Color Contrast Check

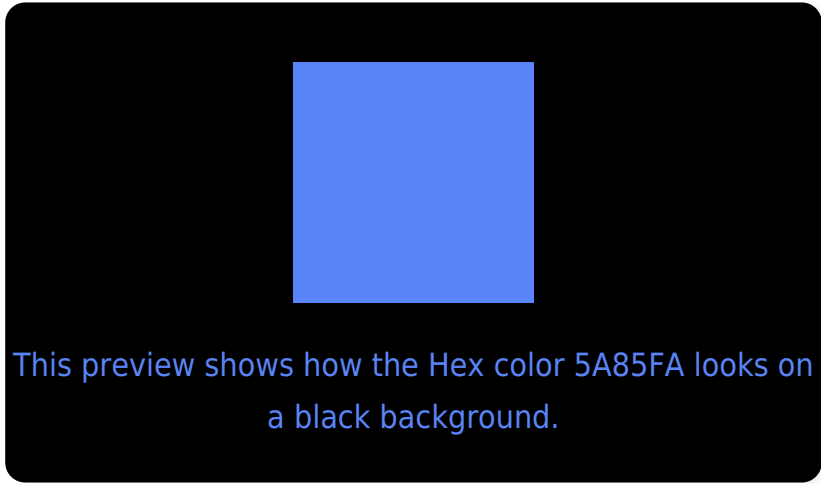
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

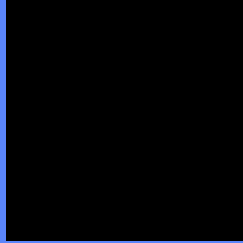
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5A85FA Background



This preview shows how black text looks on a background with the Hex color 5A85FA.

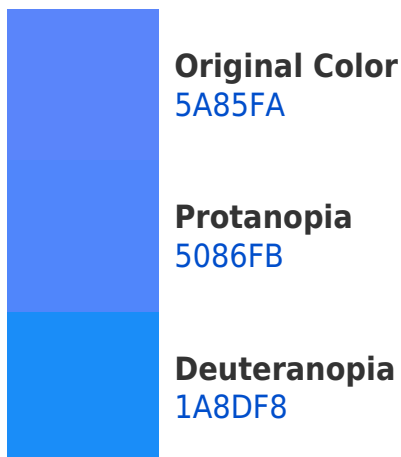


This preview shows how white text looks on a background with the Hex color 5A85FA.

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](#).

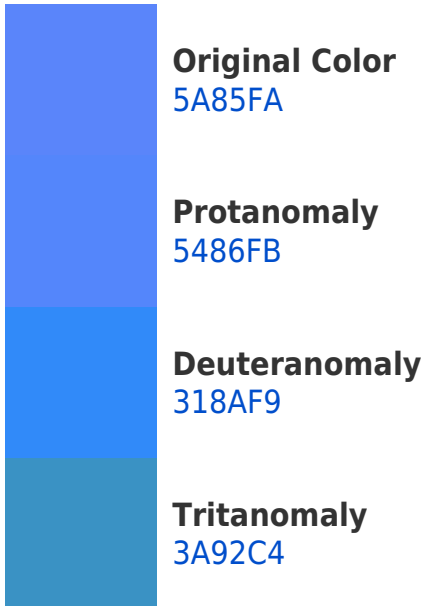
Dichromacy





Tritanopia
2899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A85FA 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 #5A85FA looks like.

```
.text, #text, p{  
    color:#5A85FA  
}
```

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 #5A85FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A85FA
}
```

Border

The CSS property to change the border of an element to Hex 5A85FA 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
#5A85FA }
```

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

```
.border{ border-color:#5A85FA }
```

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

Here you see how a box with a 4 pixel #5A85FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A85FA; -webkit-box-shadow:4px 4px  
4px 4px #5A85FA; box-shadow:4px 4px 4px  
4px #5A85FA }
```

Background

The CSS property to change the background color of an element to Hex 5A85FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A85FA }
```

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

```
.background{ background-color:#5A85FA }
```

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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