

Converting Colors

Hex(5985FF)

Have a look what the booklet for
Hex(5985FF) contains.

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Color

Hex(5985FF)

Conversions

Conversions Part 1

Format	Color
Hex	5985FF
RGB	89, 133, 255
RGB Percent	35%, 52%, 100%
CMY	0.6510, 0.4784, 0.0000
CMYK	0.65, 0.48, 0.00, 0.00
HSL	224°, 100%, 67%
HSV	224°, 65%, 100%
XYZ	30.5574, 26.1189, 98.0386
YIQ	133.7520, -65.3860, 28.6140

Conversions

Conversions Part 2

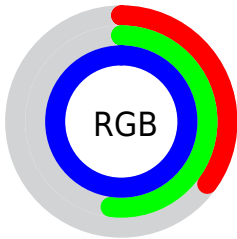
Format	Color
R _Y B	89, 124, 255
Decimal	5867007
CIE Lab	58.15, 22.92, -65.28
CIE LCh	58, 69.188, 289.343
Yxy	26.1189, 0.1975, 0.1688
Android (android.graphics.Color)	4284057087 (0xFF5985FF)
YUV	133.7520, 59.7753, -39.2475
Hunter-Lab	51.1067, 17.2909, -77.9622

Details

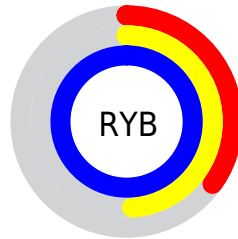
The Hex color **5985FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFD359**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **99BAFF**, and **0054C5** is the 20% darker color. If you saturate the color by 10%, you get **4072FF**, and if you desaturate by 10%, it is **7398FF**.

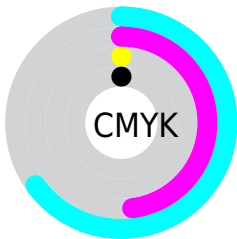
Distribution



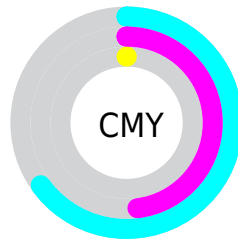
- Red (35%)
- Green (52%)
- Blue (100%)



- Red (35%)
- Yellow (49%)
- Blue (100%)



- Cyan (65%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5985FF 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 5985FF by changing the saturation by 10% instead.

 5985FF

 5985FF

FFFFFF

 326CE2

 99BAFF

 0054C5

 B8D5FF

 003EAA

 D7F1FF

 00298E

 F6FFFF

 001774

 00025B

 000742

 00032B

 000115

■ 5985FF

■ 5985FF

■ 4072FF

■ 7398FF

■ 2660FF

■ 8CAAFF

■ 0D4DFF

■ A6BDFF

■ 0044FF

■ BFD0FF

■ D9E3FF

■ F2F5FF

FFFFFF

Harmonies

Analogous

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



0099FF



5985FF



BE68DC

Triad

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



5985FF



E3672F



00A673

Complementary

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



5985FF



FFD359

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.



30A036



5985FF



BA8100

Square

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



5985FF



F64E68



839500



00A7B2

Rectangle

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



5985FF



E255B8



839500



00A55E

Sweetspot

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



5985FF



CCDAFF



59FFD3



616980



000000



808080

Same Dimension

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



5985FF



386DFF



8059FF



737680



0033BF



001140

Inverse Universe

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



FF5985



FF386D



D8FF59



807376



BF0033



400011

Previews

White Background



This preview shows how the Hex color 5985FF 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



This preview shows how the Hex color 5985FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

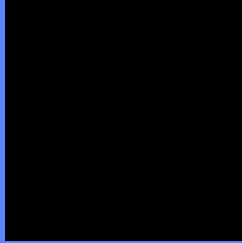
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5985FF Background



This preview shows how black text looks on a background with the Hex color 5985FF.



This preview shows how white text looks on a background with the Hex color 5985FF.

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](#).

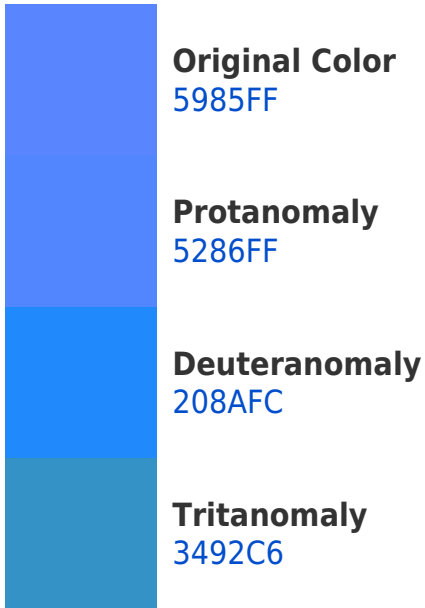
Dichromacy





Tritanopia
1F9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5985FF 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 #5985FF looks like.

```
.text, #text, p{  
    color:#5985FF  
}
```

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 #5985FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5985FF
}
```

Border

The CSS property to change the border of an element to Hex 5985FF 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
#5985FF }
```

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

```
.border{ border-color:#5985FF }
```

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

Here you see how a box with a 4 pixel #5985FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5985FF; -webkit-box-shadow:4px 4px  
4px 4px #5985FF; box-shadow:4px 4px 4px  
4px #5985FF }
```

Background

The CSS property to change the background color of an element to Hex 5985FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5985FF }
```

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

```
.background{ background-color:#5985FF }
```

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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