

Converting Colors

Hex(5396FF)

Have a look what the booklet for
Hex(5396FF) contains.

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Color

Hex(5396FF)

Conversions

Conversions Part 1

Format	Color
Hex	5396FF
RGB	83, 150, 255
RGB Percent	33%, 59%, 100%
CMY	0.6745, 0.4118, 0.0000
CMYK	0.67, 0.41, 0.00, 0.00
HSL	217°, 100%, 66%
HSV	217°, 67%, 100%
XYZ	32.5236, 30.8717, 98.8524
YIQ	141.9370, -73.6370, 18.4510

Conversions

Conversions Part 2

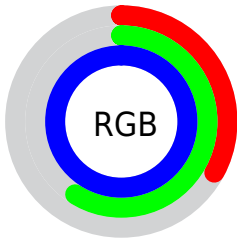
Format	Color
R _Y B	83, 131, 255
Decimal	5478143
CIE Lab	62.40, 11.79, -58.49
CIE LCh	62, 59.666, 281.402
Yxy	30.8717, 0.2005, 0.1903
Android (android.graphics.Color)	4283668223 (0xFF5396FF)
YUV	141.9370, 55.7401, -51.6877
Hunter-Lab	55.5623, 7.2517, -66.5908

Details

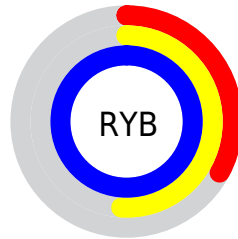
The Hex color **5396FF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFBC53**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **94CCFF**, and **0064C6** is the 20% darker color. If you saturate the color by 10%, you get **3986FF**, and if you desaturate by 10%, it is **6CA6FF**.

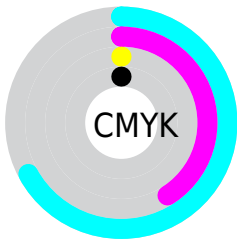
Distribution



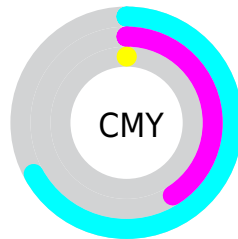
- Red (33%)
- Green (59%)
- Blue (100%)



- Red (33%)
- Yellow (51%)
- Blue (100%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5396FF 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 5396FF by changing the saturation by 10% instead.

 5396FF

 5396FF

FFFFFF

 297CE2

 94CCFF

 0064C6

 B3E8FF

 004DAA


 D2FFFF

 00378F

 F1FFFF

 002375

 000D5B

 000743

 00032C

 000116

■ 5396FF

■ 5396FF

■ 3986FF

■ 6CA6FF

■ 2077FF

■ 86B5FF

■ 0767FF

■ A0C5FF

■ 0063FF

■ B9D4FF

■ D3E4FF

■ ECF3FF

FFFFFF

Harmonies

Analogous

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



00A6FB



5396FF



B480E7

Triad

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



5396FF



ED7353



00AE73

Complementary

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



5396FF



FFBC53

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.



65A742



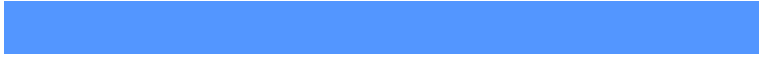
5396FF



CD882D

Square

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



5396FF



F76585



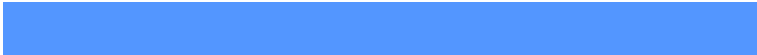
A09B23



00B0AA

Rectangle

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



5396FF



D971CA



A09B23



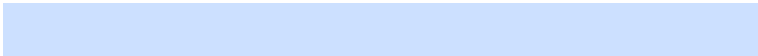
23AC62

Sweetspot

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



5396FF



CCE0FF



53FFBA



616D80



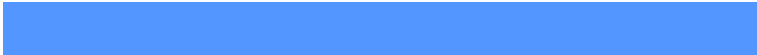
000000



808080

Same Dimension

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



5396FF



3081FF



6453FF



737880



004ABF



001940

Inverse Universe

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



FF5396



FF3081



EEFF53



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color 5396FF looks on a white background.

Color Contrast Check

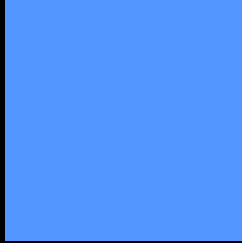
Large Text (above 18pt) WCAG AA × Fail

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 5396FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

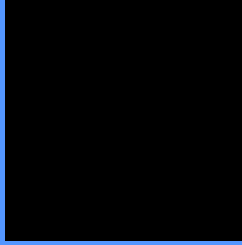
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

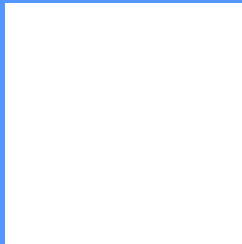
Any Text WCAG AAA ✓ Pass

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

Hex 5396FF Background



This preview shows how black text looks on a background with the Hex color 5396FF.



This preview shows how white text looks on a background with the Hex color 5396FF.

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



Original Color
5396FF

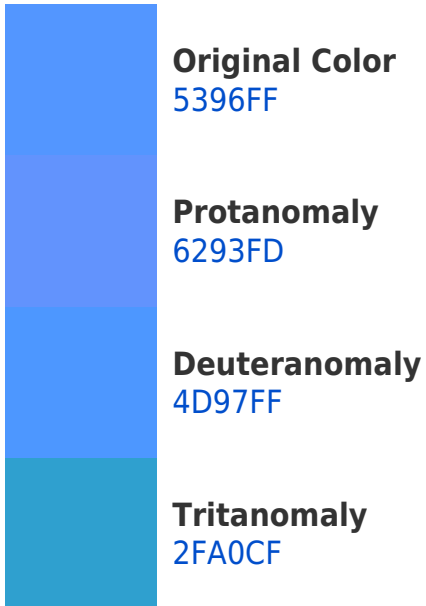
Protanopia
6A92FC

Deuteranopia
4A97FF

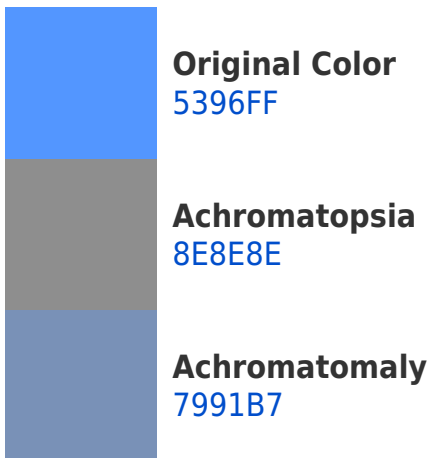


Tritanopia
1AA6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5396FF 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 #5396FF looks like.

```
.text, #text, p{  
    color:#5396FF  
}
```

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 #5396FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5396FF
}
```

Border

The CSS property to change the border of an element to Hex 5396FF 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
#5396FF }
```

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

```
.border{ border-color:#5396FF }
```

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

Here you see how a box with a 4 pixel #5396FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5396FF; -webkit-box-shadow:4px 4px  
4px 4px #5396FF; box-shadow:4px 4px 4px  
4px #5396FF }
```

Background

The CSS property to change the background color of an element to Hex 5396FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5396FF }
```

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

```
.background{ background-color:#5396FF }
```

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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