

# Converting Colors

Hex(5391FE)

Have a look what the booklet for  
Hex(5391FE) contains.

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# **Color**

**Hex(5391FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5391FE
RGB	83, 145, 254
RGB Percent	33%, 57%, 100%
CMY	0.6745, 0.4314, 0.0039
CMYK	0.67, 0.43, 0.00, 0.00
HSL	218°, 99%, 66%
HSV	218°, 67%, 100%
XYZ	31.5821, 29.2456, 97.7463
YIQ	138.8880, -71.9410, 20.7550

# Conversions

## Conversions Part 2

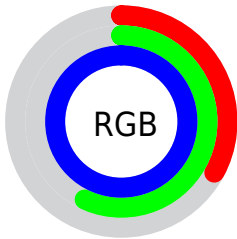
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	83, 129, 254
Decimal	5476862
CIE Lab	61.00, 14.43, -60.18
CIE LCh	61, 61.885, 283.482
Yxy	29.2456, 0.1992, 0.1844
Android (android.graphics.Color)	4283666942 (0xFF5391FE)
YUV	138.8880, 56.7502, -49.0138
Hunter-Lab	54.0792, 9.6049, -69.3093

# Details

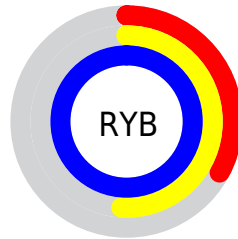
The Hex color **5391FE** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FEC053**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **94C6FF**, and **005FC5** is the 20% darker color. If you saturate the color by 10%, you get **3A81FE**, and if you desaturate by 10%, it is **6CA1FE**.

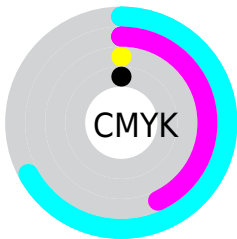
# Distribution



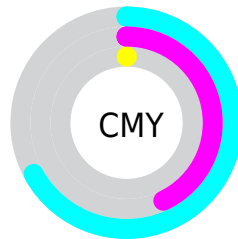
- Red (33%)
- Green (57%)
- Blue (100%)



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



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5391FE 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 5391FE by changing the saturation by 10% instead.



 5391FE

 5391FE

FFFFFF

 2A78E1

 94C6FF

 005FC5

 B3E2FF

 0048A9

 D2FFFF

 00338E

 F1FFFF

 001F74

 00065A

 000742

 00032B

 000115

■ 5391FE

■ 5391FE

■ 3A81FE

■ 6CA1FE

■ 2071FE

■ 86B1FE

■ 0760FE

■ 9FC2FE

■ 005CFE

■ B9D2FE

■ D2E2FE

■ EBF2FE

FFFFFE

# Harmonies

## Analogous

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



00A2FC



5391FE



B57AE3

# Triad

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



5391FE



E96F4A



00AB72

# Complementary

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



5391FE



FEC053

# 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.



59A53E



5391FE



C88521

# Square

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



5391FE



F65F7D



989818



00ADAB

# Rectangle

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



5391FE



DA6AC5



989818

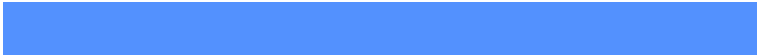


00AA60



# Sweetspot

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



5391FE



CCDEFF



53FEBF



616C80



000000

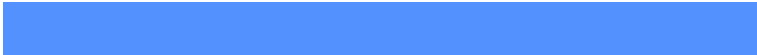


808080



# Same Dimension

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



5391FE



307BFF



6A53FE



737780



0045BF



001740



# Inverse Universe

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



FE5391



FF307B



E7FE53



807377



BF0045



400017



# Previews

## White Background



This preview shows how the Hex color 5391FE 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

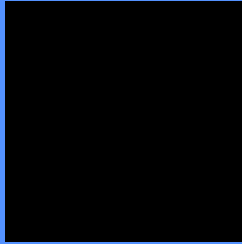
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

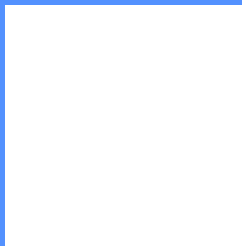
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5391FE Background



This preview shows how black text looks on a background with the Hex color 5391FE.



This preview shows how white text looks on a background with the Hex color 5391FE.

# 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](#).

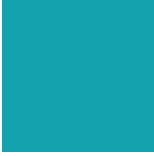
## Dichromacy



**Original Color**  
5391FE

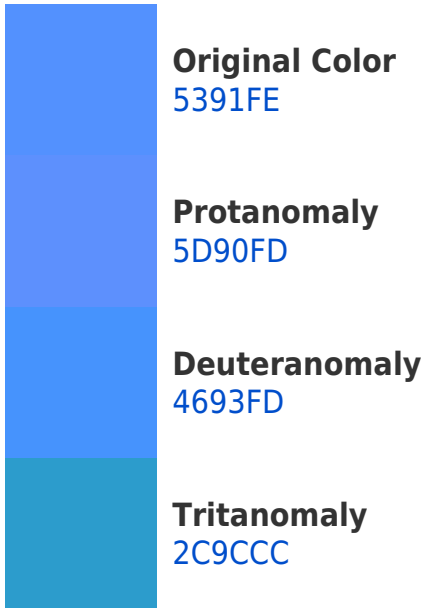
**Protanopia**  
628FFC

**Deuteranopia**  
3E94FD



**Tritanopia**  
15A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5391FE 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 #5391FE looks like.

```
.text, #text, p{  
    color:#5391FE  
}
```

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 #5391FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5391FE
}
```

## Border

The CSS property to change the border of an element to Hex 5391FE 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
#5391FE }
```

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

```
.border{ border-color:#5391FE }
```

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

Here you see how a box with a 4 pixel #5391FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5391FE; -webkit-box-shadow:4px 4px  
4px 4px #5391FE; box-shadow:4px 4px 4px  
4px #5391FE }
```

# Background

The CSS property to change the background color of an element to Hex 5391FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5391FE }
```

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

```
.background{ background-color:#5391FE }
```

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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