

# Converting Colors

Hex(3491F8)

Have a look what the booklet for  
Hex(3491F8) contains.

<b>Hex(3491F8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(3491F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3491F8
RGB	52, 145, 248
RGB Percent	20%, 57%, 97%
CMY	0.7961, 0.4314, 0.0275
CMYK	0.79, 0.42, 0.00, 0.03
HSL	212°, 93%, 59%
HSV	212°, 79%, 97%
XYZ	28.4848, 27.7582, 92.6635
YIQ	128.9350, -88.4910, 12.3170

# Conversions

## Conversions Part 2

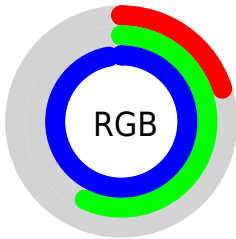
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 115, 248
Decimal	3445240
CIE Lab	59.67, 8.44, -59.07
CIE LCh	60, 59.666, 278.132
Yxy	27.7582, 0.1913, 0.1864
Android (android.graphics.Color)	4281635320 (0xFF3491F8)
YUV	128.9350, 58.6990, -67.4720
Hunter-Lab	52.6860, 4.3060, -67.3983

# Details

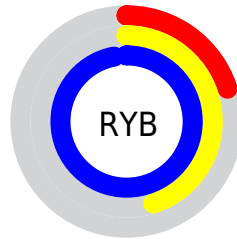
The Hex color **3491F8** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F89B34**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7FC6FF**, and **005FBF** is the 20% darker color. If you saturate the color by 10%, you get **1B84F8**, and if you desaturate by 10%, it is **4D9EF8**.

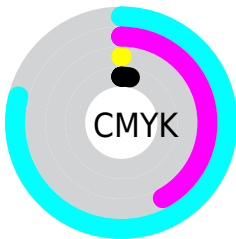
# Distribution



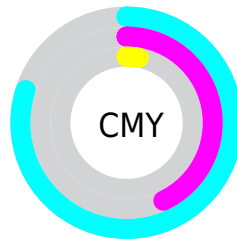
- Red (20%)
- Green (57%)
- Blue (97%)



- Red (20%)
- Yellow (45%)
- Blue (97%)



- Cyan (79%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)



- Cyan (80%)
- Magenta (43%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3491F8 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 3491F8 by changing the saturation by 10% instead.



■ 3491F8

FFFFFF

■ 7FC6FF

■ 9FE2FF

■ BEFFFF

■ DDDFFF

■ FDDFFF

■ 3491F8

■ 0078DB

■ 005FBF

■ 0048A3

■ 003388

■ 00206E

■ 000655

■ 00063D

■ 000326

■ 000110

■ 3491F8

■ 3491F8

■ 1B84F8

■ 4D9EF8

■ 0277F8

■ 66ABF8

■ 0076F8

■ 7EB8F8

■ 97C5F8

■ B0D2F8

■ C9DFF8

■ E2ECF8

■ FAF9F8

■ FFFFF8

# Harmonies

## Analogous

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



00A0F1



3491F8



A47CE3

# Triad

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



3491F8



E76A52



00A666

# Complementary

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



3491F8



F8B34

# 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.



659F36



3491F8



C97F29

# Square

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



3491F8



EE5D84



9D9218



00A99D

# Rectangle

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



3491F8



CC6CC8



9D9218



2AA455

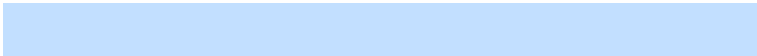


# Sweetspot

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



3491F8



C2DFFF



34F899



5B6C80



000000



808080



# Same Dimension

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



3491F8



0D80FF



3734F8



70767D



005ABD



001D3D



# Inverse Universe

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



F83491



FF0D80



F5F834



7D7076



BD005A



3D001D



# Previews

## White Background



This preview shows how the Hex color 3491F8 looks on a white background.

## Color Contrast Check

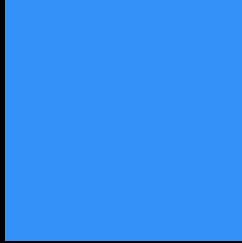
Large Text (above 18pt) WCAG AA ✓ Pass

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 3491F8 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

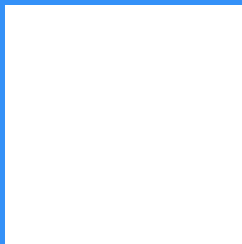
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3491F8 Background



This preview shows how black text looks on a background with the Hex color 3491F8.



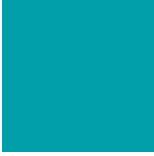
This preview shows how white text looks on a background with the Hex color 3491F8.

# Color Blindness Simulation

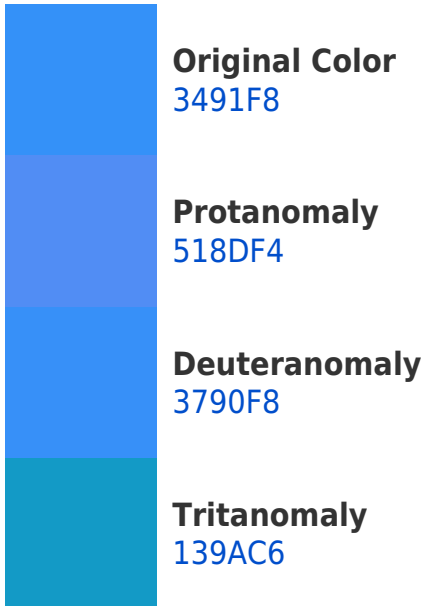
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

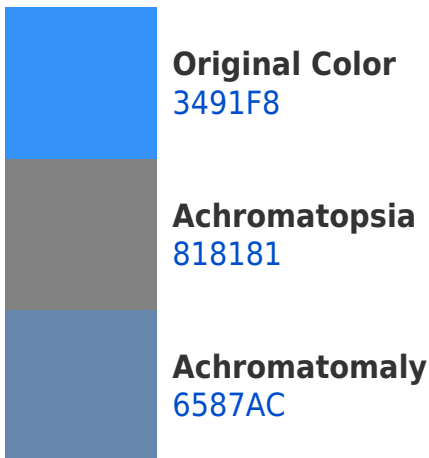




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3491F8 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 #3491F8 looks like.

```
.text, #text, p{  
    color:#3491F8  
}
```

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 #3491F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3491F8
}
```

## Border

The CSS property to change the border of an element to Hex 3491F8 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
#3491F8 }
```

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

```
.border{ border-color:#3491F8 }
```

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

Here you see how a box with a 4 pixel #3491F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3491F8; -webkit-box-shadow:4px 4px  
4px 4px #3491F8; box-shadow:4px 4px 4px  
4px #3491F8 }
```

# Background

The CSS property to change the background color of an element to Hex 3491F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3491F8 }
```

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

```
.background{ background-color:#3491F8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor