

# Converting Colors

Hex(3494F8)

Have a look what the booklet for  
Hex(3494F8) contains.

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# **Color**

**Hex(3494F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3494F8
RGB	52, 148, 248
RGB Percent	20%, 58%, 97%
CMY	0.7961, 0.4196, 0.0275
CMYK	0.79, 0.40, 0.00, 0.03
HSL	211°, 93%, 59%
HSV	211°, 79%, 97%
XYZ	28.9494, 28.6872, 92.8183
YIQ	130.6960, -89.3160, 10.7480

# Conversions

## Conversions Part 2

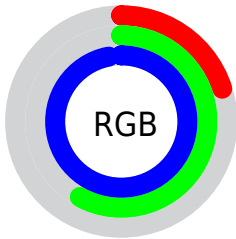
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 116, 248
Decimal	3446008
CIE Lab	60.50, 6.65, -57.73
CIE LCh	61, 58.114, 276.571
Yxy	28.6872, 0.1924, 0.1907
Android (android.graphics.Color)	4281636088 (0xFF3494F8)
YUV	130.6960, 57.8309, -69.0164
Hunter-Lab	53.5604, 2.7483, -65.2552

# Details

The Hex color **3494F8** 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 **F89834**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7FCAFF**, and **0062BF** is the 20% darker color. If you saturate the color by 10%, you get **1B87F8**, and if you desaturate by 10%, it is **4DA1F8**.

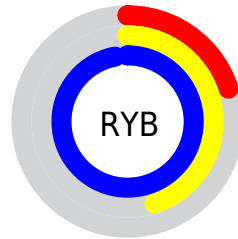
# Distribution



Red (20%)

Green (58%)

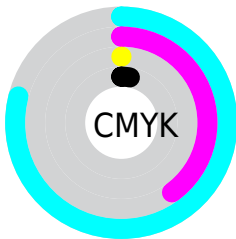
Blue (97%)



Red (20%)

Yellow (45%)

Blue (97%)

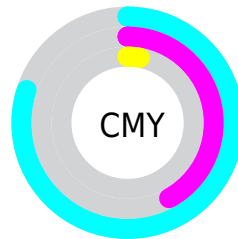


Cyan (79%)

Magenta (40%)

Yellow (0%)

Black (3%)



Cyan (80%)

Magenta (42%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3494F8 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 3494F8 by changing the saturation by 10% instead.




 3494F8

 3494F8

FFFFFF

 007BDB

 7FCAFF

 0062BF

 9FE5FF

 004BA3

 BEFFFF

 003589

 DDFFFF

 00226F

 FDFFFF

 000856

 00063D

 000327

 000110

■ 3494F8

■ 3494F8

■ 1B87F8

■ 4DA1F8

■ 027BF8

■ 66ADF8

■ 0079F8

■ 7EBAF8

■ 97C7F8

■ B0D3F8

■ C9E0F8

■ E2EDF8

■ FAF9F8

■ FFFFF8

# Harmonies

## Analogous

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



00A2F0



3494F8



A37FE5

# Triad

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



3494F8



E96C58



00A867

# Complementary

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



3494F8



F89834

# 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.



6CA039



3494F8



CD8030

# Square

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



3494F8



EF6189



A29320



00AB9C

# Rectangle

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



3494F8



CA71CB



A29320



38A657

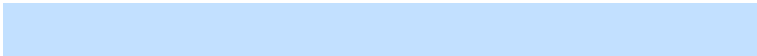


# Sweetspot

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



3494F8



C2E0FF



34F896



5B6D80



000000



808080



# Same Dimension

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



3494F8



0D83FF



3434F8



70777D



005CBD



001E3D



# Inverse Universe

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



F83494



FF0D83



F8F834



7D7077



BD005C



3D001E



# Previews

## White Background



This preview shows how the Hex color 3494F8 looks on a white background.

## Color Contrast Check

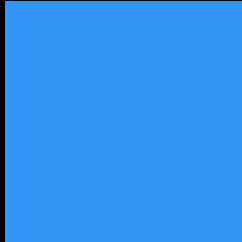
Large Text (above 18pt) WCAG AA ✓ Pass

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 3494F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

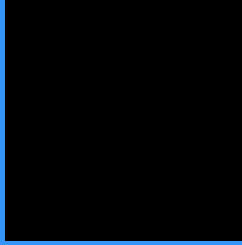
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

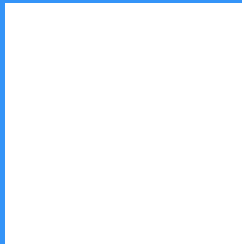
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3494F8 Background



This preview shows how black text looks on a background with the Hex color 3494F8.



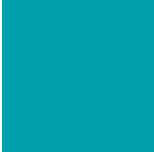
This preview shows how white text looks on a background with the Hex color 3494F8.

# 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](#).

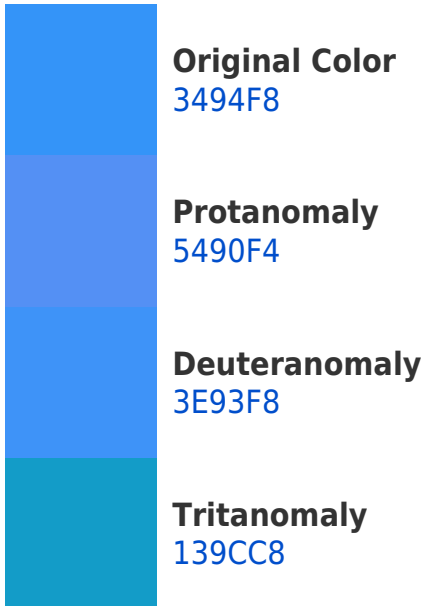
## Dichromacy





**Tritanopia**  
00A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3494F8 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 #3494F8 looks like.

```
.text, #text, p{  
    color:#3494F8  
}
```

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 #3494F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3494F8
}
```

## Border

The CSS property to change the border of an element to Hex 3494F8 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
#3494F8 }
```

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

```
.border{ border-color:#3494F8 }
```

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

Here you see how a box with a 4 pixel #3494F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3494F8; -webkit-box-shadow:4px 4px  
4px 4px #3494F8; box-shadow:4px 4px 4px  
4px #3494F8 }
```

# Background

The CSS property to change the background color of an element to Hex 3494F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3494F8 }
```

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

```
.background{ background-color:#3494F8 }
```

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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