

# Converting Colors

Hex(3358F2)

Have a look what the booklet for  
Hex(3358F2) contains.

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# Color

**Hex(3358F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3358F2
RGB	51, 88, 242
RGB Percent	20%, 35%, 95%
CMY	0.8000, 0.6549, 0.0510
CMYK	0.79, 0.64, 0.00, 0.05
HSL	228°, 88%, 57%
HSV	228°, 79%, 95%
XYZ	20.8820, 14.0941, 85.6242
YIQ	94.4930, -71.4860, 40.0500

# Conversions

## Conversions Part 2

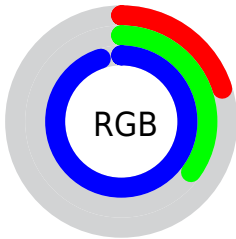
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">51, 82, 242</a>
Decimal	<a href="#">3365106</a>
CIELab	<a href="#">44.37, 41.50, -80.52</a>
CIELCh	<a href="#">44, 90.587, 297.265</a>
Yxy	<a href="#">14.0941, 0.1732, 0.1169</a>
Android (android.graphics.Color)	<a href="#">4281555186</a> ( <a href="#">0xFF3358F2</a> )
YUV	<a href="#">94.4930, 72.7210, -38.1434</a>
Hunter-Lab	<a href="#">37.5421, 33.5883, -108.9465</a>

# Details

The Hex color **3358F2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F2CD33**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7F8AFF**, and **002BB9** is the 20% darker color. If you saturate the color by 10%, you get **1B44F2**, and if you desaturate by 10%, it is **4B6CF2**.

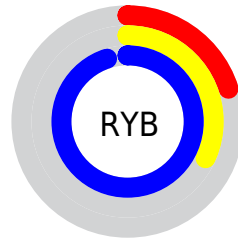
# Distribution



Red (20%)

Green (35%)

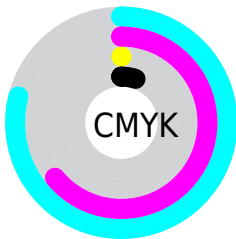
Blue (95%)



Red (20%)

Yellow (32%)

Blue (95%)

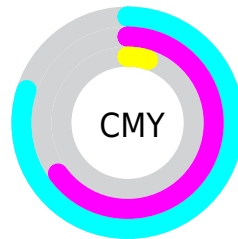


Cyan (79%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (65%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3358F2 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 3358F2 by changing the saturation by 10% instead.



 3358F2

 3358F2

FFFFFF

 0041D5

 7F8AFF

 002BB9

 A0A4FF

 00189D

 BFBFFF

 000682

 DFDBFF

 000468

 FEF8FF

 000A4E

 000537

 000220

 000004

■ 3358F2

■ 3358F2

■ 1B44F2

■ 4B6CF2

■ 0331F2

■ 637FF2

■ 002FF2

■ 7C93F2

■ 94A6F2

■ ACBAF2

■ C4CDF2

■ DCE1F2

■ F5F4F2

■ FFFFF2

# Harmonies

## Analogous

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



0076FF



3358F2



B80DBC

# Triad

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



3358F2



BD3D00



008560

# Complementary

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



3358F2



F2CD33

# 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.



008100



3358F2



866400

# Square

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



3358F2



DF002A



397800



0086AD

# Rectangle

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



3358F2



D9008C



397800



008445



# Sweetspot

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



3358F2



C2CEFF



33F2CC



5B6280



000000



808080



# Same Dimension

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



3358F2



0D3CFF



6C33F2



6C6E78



0024B8



000B38



# Inverse Universe

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



F23358



FF0D3C



B9F233



786C6E



B80024



38000B



# Previews

## White Background



This preview shows how the Hex color 3358F2 looks on a white background.

## Color Contrast Check

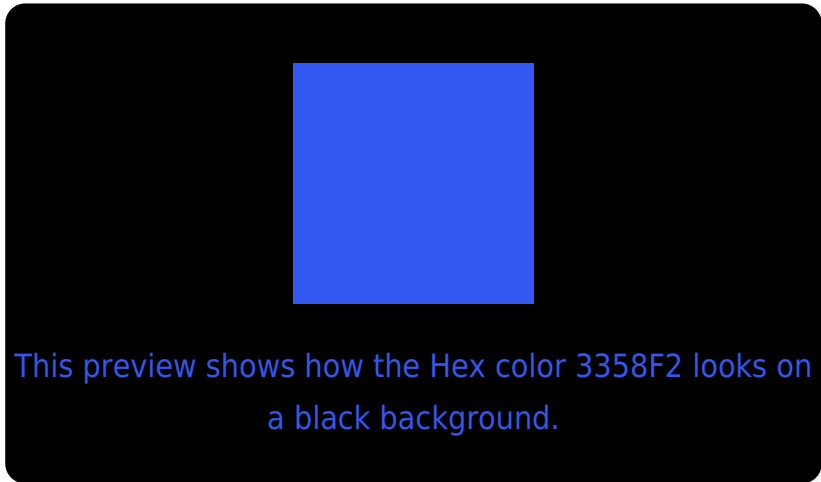
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

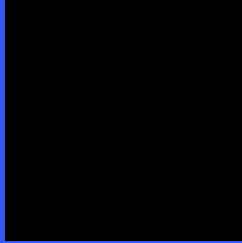
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3358F2 Background



This preview shows how black text looks on a background with the Hex color 3358F2.

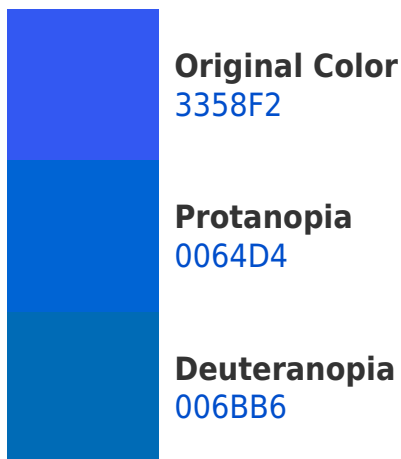


This preview shows how white text looks on a background with the Hex color 3358F2.

# 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](#).

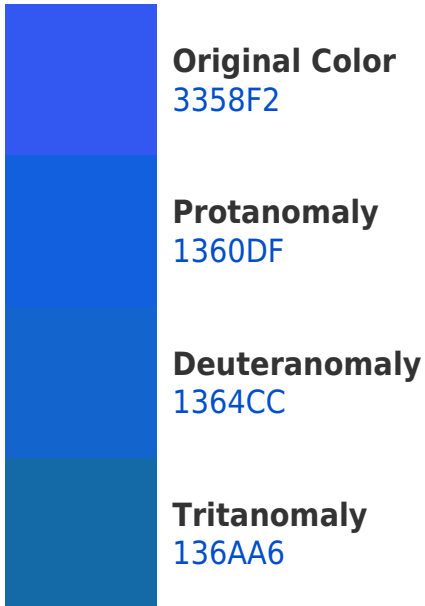
## Dichromacy



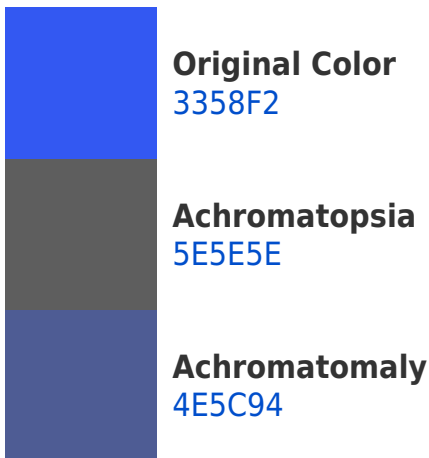


**Tritanopia**  
00747B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3358F2 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 #3358F2 looks like.

```
.text, #text, p{  
    color:#3358F2  
}
```

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 #3358F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3358F2
}
```

## Border

The CSS property to change the border of an element to Hex 3358F2 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
#3358F2 }
```

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

```
.border{ border-color:#3358F2 }
```

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

Here you see how a box with a 4 pixel #3358F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3358F2; -webkit-box-shadow:4px 4px  
4px 4px #3358F2; box-shadow:4px 4px 4px  
4px #3358F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3358F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3358F2 }
```

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

```
.background{ background-color:#3358F2 }
```

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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