

# Converting Colors

Hex(3466F8)

Have a look what the booklet for  
Hex(3466F8) contains.

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# Color

**Hex(3466F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3466F8
RGB	52, 102, 248
RGB Percent	20%, 40%, 97%
CMY	0.7961, 0.6000, 0.0275
CMYK	0.79, 0.59, 0.00, 0.03
HSL	225°, 93%, 59%
HSV	225°, 79%, 97%
XYZ	23.1108, 17.0101, 90.8721
YIQ	103.6940, -76.6660, 34.8060

# Conversions

## Conversions Part 2

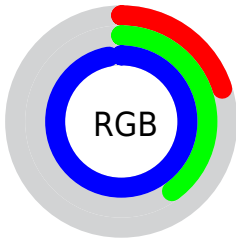
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	52, 92, 248
Decimal	3434232
CIE Lab	48.27, 35.04, -77.49
CIE LCh	48, 85.041, 294.333
Yxy	17.0101, 0.1764, 0.1299
Android (android.graphics.Color)	4281624312 (0xFF3466F8)
YUV	103.6940, 71.1429, -45.3356
Hunter-Lab	41.2433, 27.8472, -101.7644

# Details

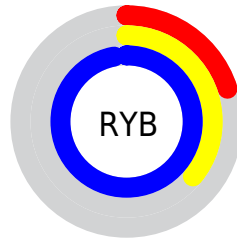
The Hex color **3466F8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F8C634**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8098FF**, and **0038BE** is the 20% darker color. If you saturate the color by 10%, you get **1B54F8**, and if you desaturate by 10%, it is **4D78F8**.

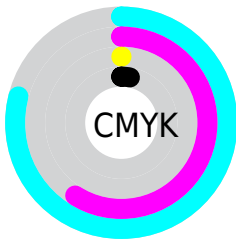
# Distribution



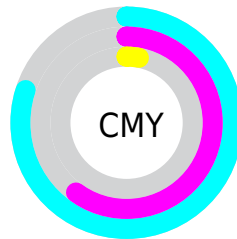
- Red (20%)
- Green (40%)
- Blue (97%)



- Red (20%)
- Yellow (36%)
- Blue (97%)



- Cyan (79%)
- Magenta (59%)
- Yellow (0%)
- Black (3%)



- Cyan (80%)
- Magenta (60%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3466F8 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 3466F8 by changing the saturation by 10% instead.



 3466F8

 3466F8

FFFFFF

 004EDB

 8098FF

 0038BE

 A1B3FF

 0024A3

 C1CFFF

 001387

 E0EBFF

 00006D

 000B54

 00063C

 000225

 00010D

 3466F8

 3466F8

 1B54F8

 4D78F8

 0241F8

 668BF8

 003FF8

 7E9DF8

 97B0F8

 B0C2F8

 C9D5F8

 E2E7F8

 FAFAF8

 FFFFF8

# Harmonies

## Analogous

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



0081FF



3466F8



B836C8

# Triad

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



3466F8



CA4700



008F62

# Complementary

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



3466F8



F8C634

# 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.



008A07



3466F8



976B00

# Square

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



3466F8



E8003D



538000



0090AC

# Rectangle

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



3466F8



DC009B



538000



008D49



# Sweetspot

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



3466F8



C2D1FF



34F8C4



5B6480



000000



808080



# Same Dimension

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



3466F8



0D4BFF



6234F8



70747D



0030BD



00103D



# Inverse Universe

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



F83466



FF0D4B



CAF834



7D7074



BD0030

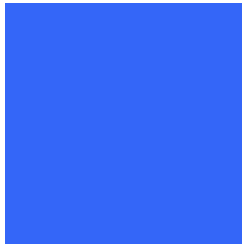


3D0010



# Previews

## White Background



This preview shows how the Hex color 3466F8 looks on a white background.

## Color Contrast Check

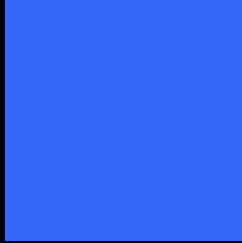
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 3466F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

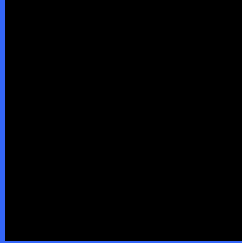
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3466F8 Background



This preview shows how black text looks on a background with the Hex color 3466F8.



This preview shows how white text looks on a background with the Hex color 3466F8.

# 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](#).

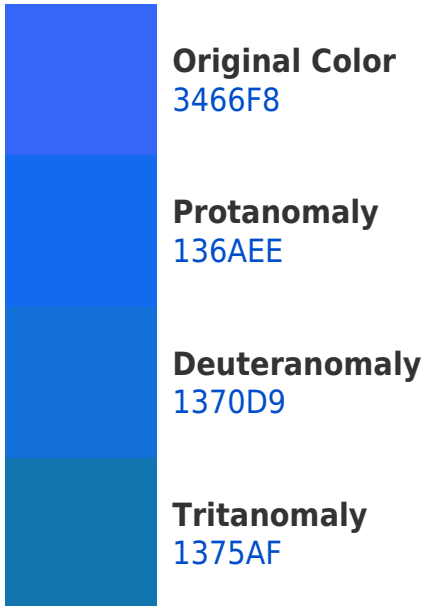
## Dichromacy





**Tritanopia**  
007E86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3466F8 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 #3466F8 looks like.

```
.text, #text, p{  
    color:#3466F8  
}
```

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 #3466F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3466F8
}
```

## Border

The CSS property to change the border of an element to Hex 3466F8 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
#3466F8 }
```

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

```
.border{ border-color:#3466F8 }
```

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

Here you see how a box with a 4 pixel #3466F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3466F8; -webkit-box-shadow:4px 4px  
4px 4px #3466F8; box-shadow:4px 4px 4px  
4px #3466F8 }
```

# Background

The CSS property to change the background color of an element to Hex 3466F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3466F8 }
```

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

```
.background{ background-color:#3466F8 }
```

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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