

# Converting Colors

Hex(3486F5)

Have a look what the booklet for  
Hex(3486F5) contains.

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# Color

Hex(3486F5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3486F5
RGB	52, 134, 245
RGB Percent	20%, 53%, 96%
CMY	0.7961, 0.4745, 0.0392
CMYK	0.79, 0.45, 0.00, 0.04
HSL	215°, 91%, 58%
HSV	215°, 79%, 96%
XYZ	26.4227, 24.3728, 89.6980
YIQ	122.1360, -84.5030, 17.1370

# Conversions

## Conversions Part 2

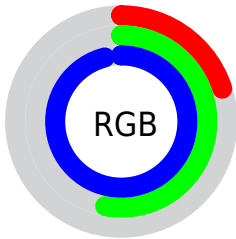
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 110, 245
Decimal	3442421
CIE <sub>Lab</sub>	56.46, 14.00, -62.56
CIE <sub>LCh</sub>	56, 64.105, 282.615
Y <sub>xy</sub>	24.3728, 0.1881, 0.1735
Android (android.graphics.Color)	4281632501 (0xFF3486F5)
YUV	122.1360, 60.5720, -61.5093
Hunter-Lab	49.3688, 9.1395, -73.1655

# Details

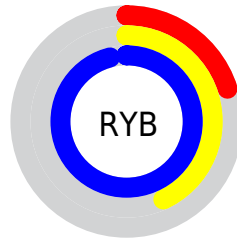
The Hex color **3486F5** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **F5A334**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7EBBFF**, and **0055BC** is the 20% darker color. If you saturate the color by 10%, you get **1C78F5**, and if you desaturate by 10%, it is **4D94F5**.

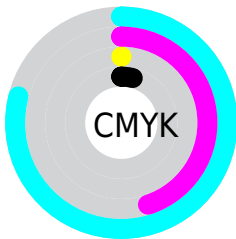
# Distribution



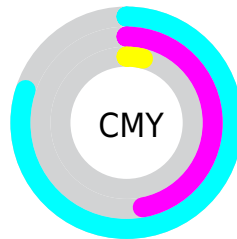
- Red (20%)
- Green (53%)
- Blue (96%)



- Red (20%)
- Yellow (43%)
- Blue (96%)



- Cyan (79%)
- Magenta (45%)
- Yellow (0%)
- Black (4%)



- Cyan (80%)
- Magenta (47%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3486F5 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 3486F5 by changing the saturation by 10% instead.



 3486F5

 3486F5

FFFFFF

 006DD8

 7EBBF5

 0055BC

 9ED6FF

 003FA0

 BDF2FF

 002A86

 DDFFFF

 00186C

 FCFFFF

 000B52

 00063A

 000224

 00000B

 3486F5

 3486F5

 1C78F5

 4D94F5

 036AF5

 65A2F5

 0068F5

 7EB0F5

 96BEF5

 AFCCF5

 C7DBF5

 E0E9F5

 F8F7F5

 FFFFF5

# Harmonies

## Analogous

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



0097F2



3486F5



A76DDA

# Triad

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



3486F5



DE603E



009F64

# Complementary

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



3486F5



F5A334

# 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.



4C992D



3486F5



BC790A

# Square

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



3486F5



EB4E72



8C8C00



00A19E

# Rectangle

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



3486F5



CE5CBC



8C8C00



009D51



# Sweetspot

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



3486F5



C2DCFF



34F5A1



5B6A80



000000



808080



# Same Dimension

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



3486F5



0D74FF



4134F5



6E737A



004FBA



00193B



# Inverse Universe

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



F53486



FF0D74



E8F534



7A6E73



BA004F



3B0019



# Previews

## White Background



This preview shows how the Hex color 3486F5 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 3486F5 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

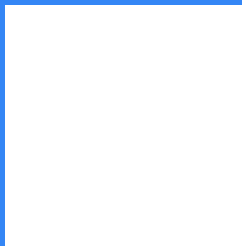
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3486F5 Background



This preview shows how black text looks on a background with the Hex color 3486F5.



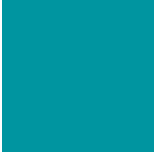
This preview shows how white text looks on a background with the Hex color 3486F5.

# 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](#).

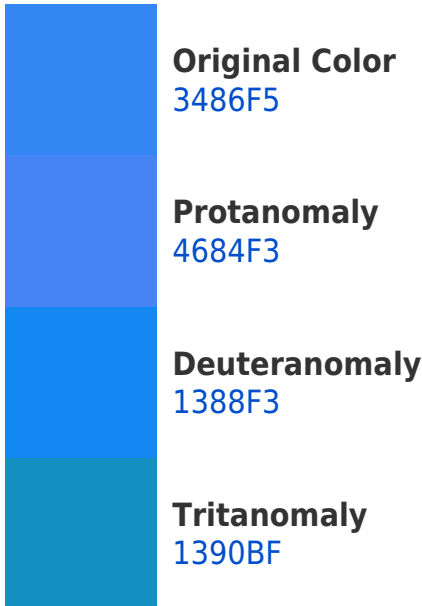
## Dichromacy



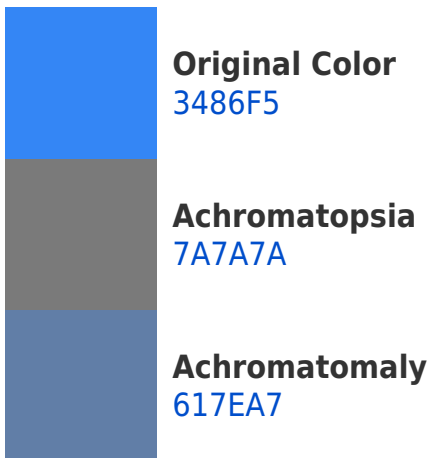


**Tritanopia**  
0095A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3486F5 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 #3486F5 looks like.

```
.text, #text, p{  
    color:#3486F5  
}
```

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 #3486F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3486F5
}
```

## Border

The CSS property to change the border of an element to Hex 3486F5 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
#3486F5 }
```

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

```
.border{ border-color:#3486F5 }
```

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

Here you see how a box with a 4 pixel #3486F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3486F5; -webkit-box-shadow:4px 4px  
4px 4px #3486F5; box-shadow:4px 4px 4px  
4px #3486F5 }
```

# Background

The CSS property to change the background color of an element to Hex 3486F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3486F5 }
```

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

```
.background{ background-color:#3486F5 }
```

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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