

# Converting Colors

Hex(6385FF)

Have a look what the booklet for  
Hex(6385FF) contains.

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# **Color**

**Hex(6385FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6385FF
RGB	99, 133, 255
RGB Percent	39%, 52%, 100%
CMY	0.6118, 0.4784, 0.0000
CMYK	0.61, 0.48, 0.00, 0.00
HSL	227°, 100%, 69%
HSV	227°, 61%, 100%
XYZ	31.5831, 26.6477, 98.0867
YIQ	136.7420, -59.4260, 30.7340

# Conversions

## Conversions Part 2

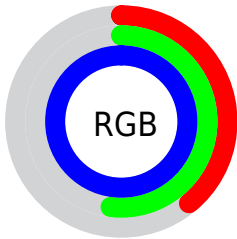
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 127, 255
Decimal	6522367
CIE Lab	58.65, 24.56, -64.46
CIE LCh	59, 68.979, 290.862
Yxy	26.6477, 0.2020, 0.1705
Android (android.graphics.Color)	4284712447 (0xFF6385FF)
YUV	136.7420, 58.3012, -33.0997
Hunter-Lab	51.6214, 18.8727, -76.5229

# Details

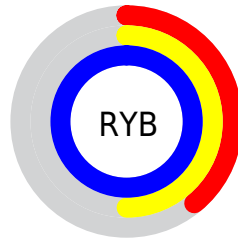
The Hex color **6385FF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFDD63**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A1BAFF**, and **0654C5** is the 20% darker color. If you saturate the color by 10%, you get **4971FF**, and if you desaturate by 10%, it is **7C99FF**.

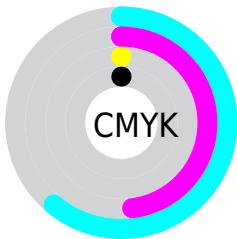
# Distribution



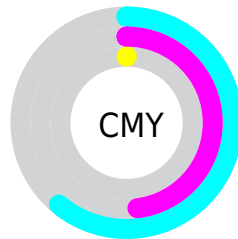
- Red (39%)
- Green (52%)
- Blue (100%)



- Red (39%)
- Yellow (50%)
- Blue (100%)



- Cyan (61%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6385FF 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 6385FF by changing the saturation by 10% instead.



 6385FF

 6385FF

FFFFFF

 406CE2

 A1BAFF

 0654C5

 C0D5FF

 003EAA

 DEF2FF

 00298E

FDFFFF

 001774

 00005B

 000742

 00032B

 000115

■ 6385FF

■ 6385FF

■ 4971FF

■ 7C99FF

■ 305DFF

■ 96ADFF

■ 1649FF

■ B0C1FF

■ 0038FF

■ C9D5FF

■ E3E9FF

■ FCFDFF

FFFFFF

# Harmonies

## Analogous

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



009AFF



6385FF



C368DA

# Triad

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



6385FF



E26A2E



00A778

# Complementary

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



6385FF



FFDD63

# 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.



2BA23A



6385FF



B98400

# Square

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



6385FF



F75166



819700



00A9B7

# Rectangle

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



6385FF



E556B6



819700



00A663



# Sweetspot

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



6385FF



D1DBFF



63FFDB



636A80



000000



808080



# Same Dimension

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



6385FF



456DFF



8D63FF



737680



002ABF



000E40



# Inverse Universe

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



FF6385



FF456D



D5FF63



807376



BF002A

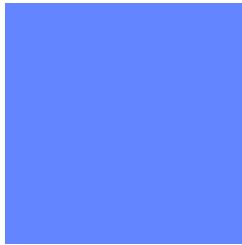


40000E



# Previews

## White Background



This preview shows how the Hex color 6385FF looks on a white background.

## Color Contrast Check

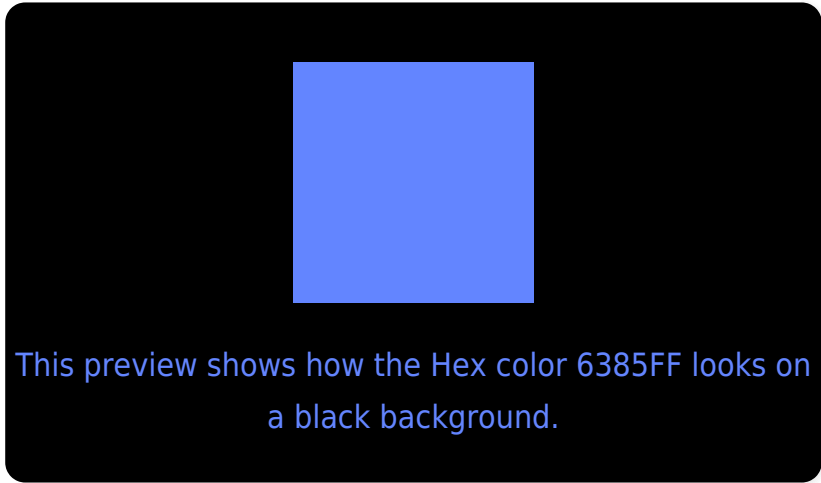
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

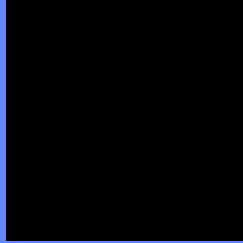
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6385FF Background



This preview shows how black text looks on a background with the Hex color 6385FF.

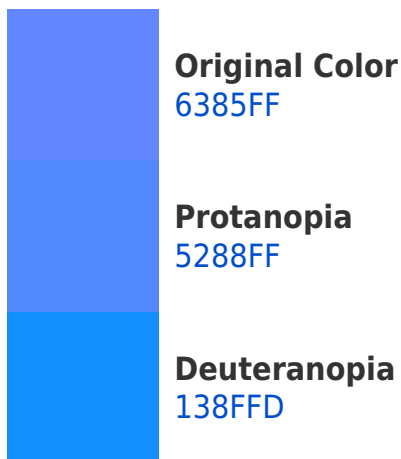


This preview shows how white text looks on a background with the Hex color 6385FF.

# 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](#).

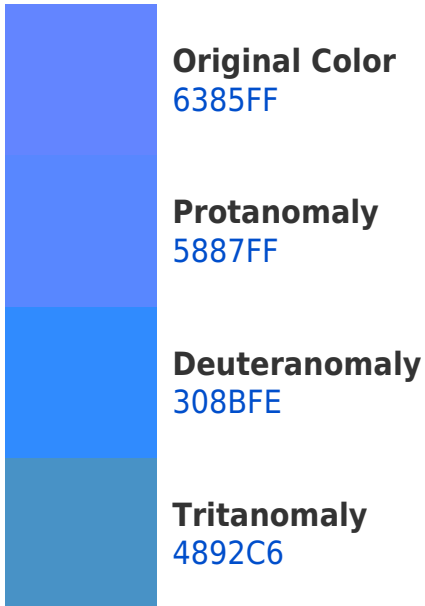
## Dichromacy





**Tritanopia**  
389AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6385FF 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 #6385FF looks like.

```
.text, #text, p{  
    color:#6385FF  
}
```

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 #6385FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6385FF
}
```

## Border

The CSS property to change the border of an element to Hex 6385FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

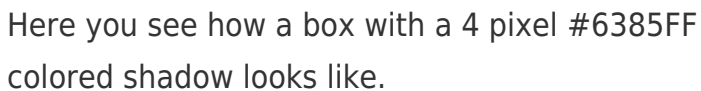
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6385FF }
```

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

```
.border{ border-color:#6385FF }
```

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



Here you see how a box with a 4 pixel #6385FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6385FF; -webkit-box-shadow:4px 4px  
4px 4px #6385FF; box-shadow:4px 4px 4px  
4px #6385FF }
```

# Background

The CSS property to change the background color of an element to Hex 6385FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6385FF }
```

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

```
.background{ background-color:#6385FF }
```

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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