

# Converting Colors

Hex(6358FE)

Have a look what the booklet for  
Hex(6358FE) contains.

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# Color

**Hex(6358FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6358FE
RGB	99, 88, 254
RGB Percent	39%, 35%, 100%
CMY	0.6118, 0.6549, 0.0039
CMYK	0.61, 0.65, 0.00, 0.00
HSL	244°, 99%, 67%
HSV	244°, 65%, 100%
XYZ	26.5247, 16.7879, 95.6083
YIQ	110.2130, -46.7300, 53.9580

# Conversions

## Conversions Part 2

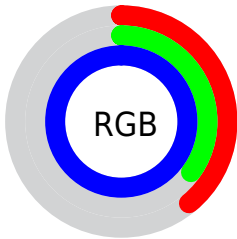
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 88, 254
Decimal	6510846
CIELab	47.99, 50.92, -81.19
CIELCh	48, 95.833, 302.095
Yxy	16.7879, 0.1909, 0.1208
Android (android.graphics.Color)	4284700926 (0xFF6358FE)
YUV	110.2130, 70.8870, -9.8338
Hunter-Lab	40.9730, 43.8529, -109.6690

# Details

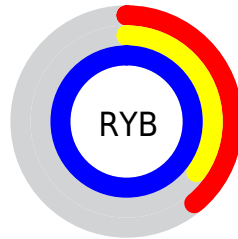
The Hex color **6358FE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **F3FE58**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A38BFF**, and **0028C4** is the 20% darker color. If you saturate the color by 10%, you get **4B3FFE**, and if you desaturate by 10%, it is **7B71FE**.

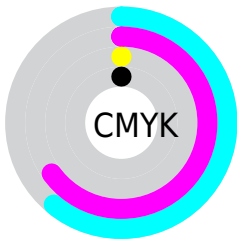
# Distribution



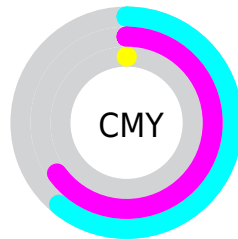
- Red (39%)
- Green (35%)
- Blue (100%)



- Red (39%)
- Yellow (35%)
- Blue (100%)



- Cyan (61%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6358FE 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 6358FE by changing the saturation by 10% instead.



 6358FE

 6358FE

FFFFFF

 3E40E1

 A38BFF

 0028C4

 C3A6FF

 0012A8

 E2C1FF

 00008D

 FFDDFF

 000072

 FFFAFF

 000D58

 000740

 000329

 000113

■ 6358FE

■ 6358FE

■ 4B3FFE

■ 7B71FE

■ 3425FE

■ 928BFE

■ 1C0CFE

■ AAA4FE

■ 1100FE

■ C2BEFE

■ DAD7FE

■ F1F0FE

FFFFFE

# Harmonies

## Analogous

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



007DFF



6358FE



D200BF

# Triad

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



6358FE



C44C00



009076

# Complementary

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



6358FE



F3FE58

# 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.



008D18



6358FE



867100

# Square

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



6358FE



ED0021



298400



0091C7

# Rectangle

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



6358FE



F0008B



298400



008F59



# Sweetspot

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



6358FE



CFCCFF



58F6FE



636180



000000



808080



# Same Dimension

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



6358FE



4538FF



B358FE



747380



0D00BF



040040



# Inverse Universe

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



FE58F3



FF38F2



A3FE58



80737F



BF00B3

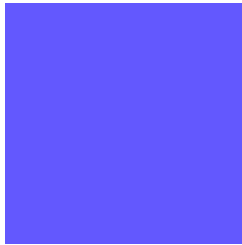


40003C



# Previews

## White Background



This preview shows how the Hex color 6358FE 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 6358FE Background



This preview shows how black text looks on a background with the Hex color 6358FE.

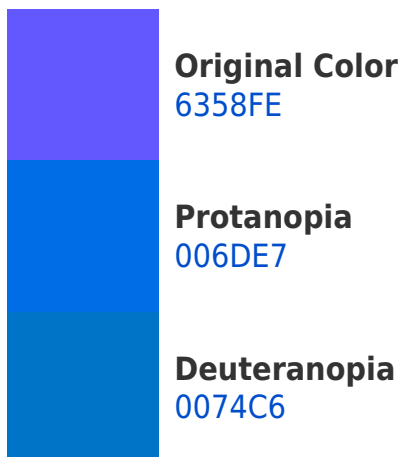


This preview shows how white text looks on a background with the Hex color 6358FE.

# 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](#).

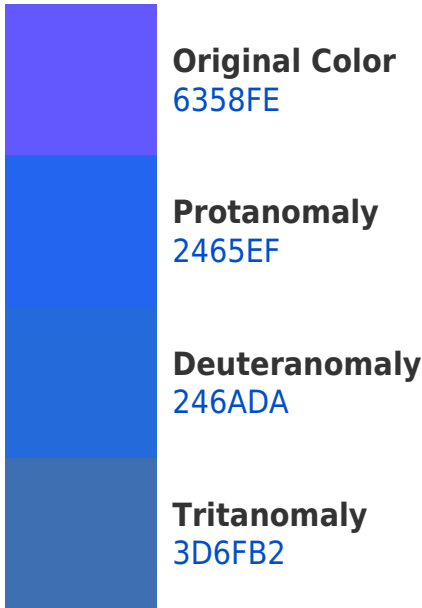
## Dichromacy



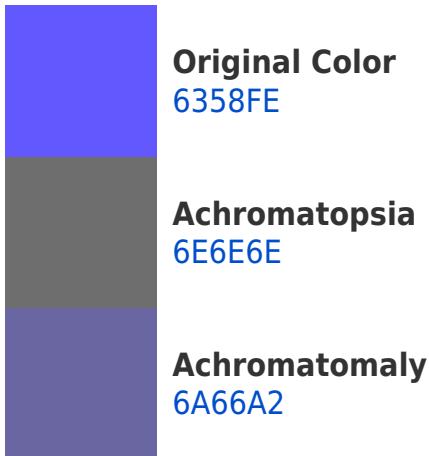


**Tritanopia**  
277C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6358FE 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 #6358FE looks like.

```
.text, #text, p{  
    color:#6358FE  
}
```

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 #6358FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6358FE
}
```

## Border

The CSS property to change the border of an element to Hex 6358FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

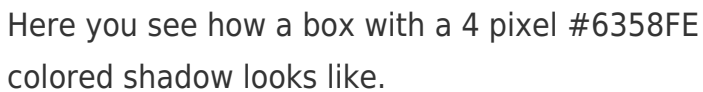
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6358FE }
```

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

```
.border{ border-color:#6358FE }
```

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



Here you see how a box with a 4 pixel #6358FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6358FE; -webkit-box-shadow:4px 4px  
4px 4px #6358FE; box-shadow:4px 4px 4px  
4px #6358FE }
```

# Background

The CSS property to change the background color of an element to Hex 6358FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6358FE }
```

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

```
.background{ background-color:#6358FE }
```

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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