

# Converting Colors

Hex(6579FF)

Have a look what the booklet for  
Hex(6579FF) contains.

<b>Hex(6579FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(6579FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6579FF
RGB	101, 121, 255
RGB Percent	40%, 47%, 100%
CMY	0.6039, 0.5255, 0.0000
CMYK	0.60, 0.53, 0.00, 0.00
HSL	232°, 100%, 70%
HSV	232°, 60%, 100%
XYZ	30.2542, 23.6614, 97.5803
YIQ	130.2960, -54.9340, 37.4340

# Conversions

## Conversions Part 2

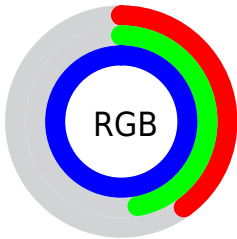
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 119, 255</a>
Decimal	<a href="#">6650367</a>
CIELab	<a href="#">55.75, 32.14, -69.12</a>
CIElCh	<a href="#">56, 76.228, 294.934</a>
Yxy	<a href="#">23.6614, 0.1997, 0.1562</a>
Android (android.graphics.Color)	<a href="#">4284840447</a> (0xFF6579FF)
YUV	<a href="#">130.2960, 61.4791, -25.6926</a>
Hunter-Lab	<a href="#">48.6430, 25.8952, -84.8885</a>

# Details

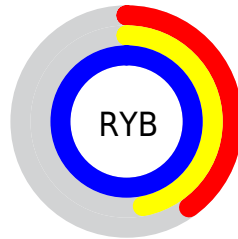
The Hex color **6579FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFEB65**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A4ADFF**, and **0C49C5** is the 20% darker color. If you saturate the color by 10%, you get **4B63FF**, and if you desaturate by 10%, it is **7E8FFF**.

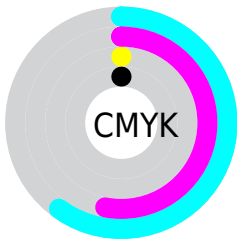
# Distribution



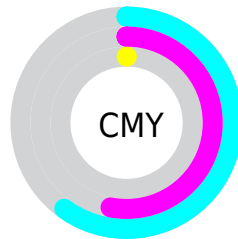
- Red (40%)
- Green (47%)
- Blue (100%)



- Red (40%)
- Yellow (47%)
- Blue (100%)



- Cyan (60%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6579FF 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 6579FF by changing the saturation by 10% instead.



 6579FF

 6579FF

FFFFFF

 4260E2

 A4ADFF

 0C49C5

 C2C8FF

 0033A9

 E1E4FF

 001F8E

 000D74

 00035A

 000742

 00032B

 000115

 6579FF

 6579FF

 4B63FF

 7E8FFF

 324DFF

 98A5FF

 1836FF

 B2BCFF

 0021FF

 CBD2FF

 E4E8FF

FEFEFF

FFFFFF

# Harmonies

## Analogous

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



0091FF



6579FF



C956D3

# Triad

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



6579FF



DB620C



00A278

# Complementary

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



6579FF



FFEB65

# 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.



009D32



6579FF



AB7F00

# Square

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



6579FF



F63F52



6C9200



00A2BC

# Rectangle

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



6579FF



E93DAA



6C9200



00A061



# Sweetspot

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



6579FF



D1D7FF



65FFEA



636780



000000



808080



# Same Dimension

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



6579FF



475FFF



9D65FF



737480



0019BF



000840



# Inverse Universe

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



FF6579



FF475F



C7FF65



807374



BF0019

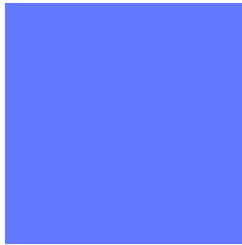


400008



# Previews

## White Background



This preview shows how the Hex color 6579FF looks on a white background.

## Color Contrast Check

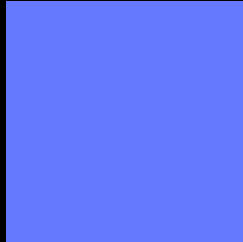
Large Text (above 18pt) WCAG AA ✓ Pass

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 6579FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

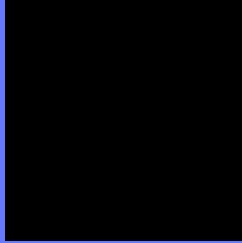
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6579FF Background



This preview shows how black text looks on a background with the Hex color 6579FF.



This preview shows how white text looks on a background with the Hex color 6579FF.

# 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](#).

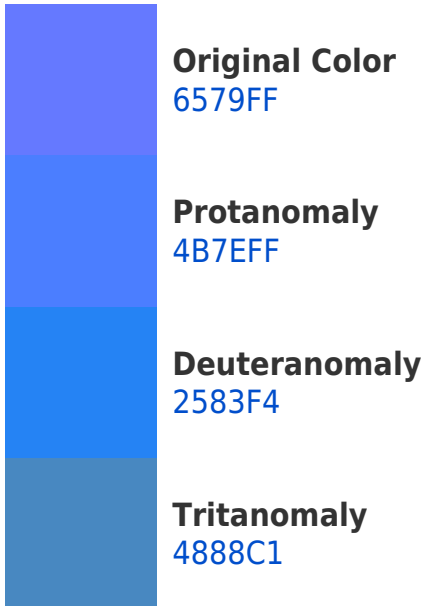
## Dichromacy





**Tritanopia**  
37919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6579FF 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 #6579FF looks like.

```
.text, #text, p{  
    color:#6579FF  
}
```

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 #6579FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6579FF
}
```

## Border

The CSS property to change the border of an element to Hex 6579FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

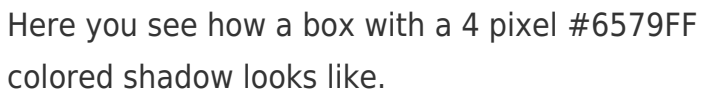
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6579FF }
```

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

```
.border{ border-color:#6579FF }
```

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



Here you see how a box with a 4 pixel #6579FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6579FF; -webkit-box-shadow:4px 4px  
4px 4px #6579FF; box-shadow:4px 4px 4px  
4px #6579FF }
```

# Background

The CSS property to change the background color of an element to Hex 6579FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6579FF }
```

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

```
.background{ background-color:#6579FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor