

# Converting Colors

Hex(5479FF)

Have a look what the booklet for  
Hex(5479FF) contains.

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# **Color**

**Hex(5479FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5479FF
RGB	84, 121, 255
RGB Percent	33%, 47%, 100%
CMY	0.6706, 0.5255, 0.0000
CMYK	0.67, 0.53, 0.00, 0.00
HSL	227°, 100%, 66%
HSV	227°, 67%, 100%
XYZ	28.5435, 22.7796, 97.5002
YIQ	125.2130, -65.0660, 33.8300

# Conversions

## Conversions Part 2

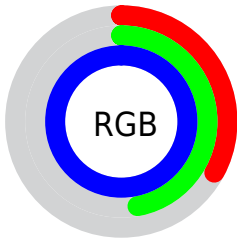
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	84, 114, 255
Decimal	5536255
CIE Lab	54.84, 29.47, -70.63
CIE LCh	55, 76.527, 292.647
Yxy	22.7796, 0.1918, 0.1531
Android (android.graphics.Color)	4283726335 (0xFF5479FF)
YUV	125.2130, 63.9850, -36.1438
Hunter-Lab	47.7279, 23.2274, -87.7100

# Details

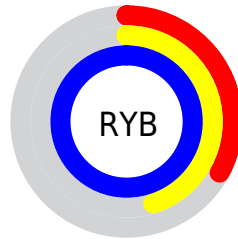
The Hex color **5479FF** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **FFDA54**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **96ADFF**, and **0049C5** is the 20% darker color. If you saturate the color by 10%, you get **3A65FF**, and if you desaturate by 10%, it is **6D8DFF**.

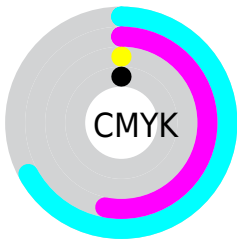
# Distribution



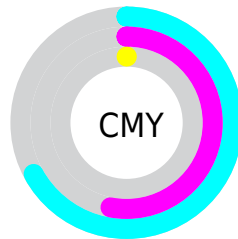
- Red (33%)
- Green (47%)
- Blue (100%)



- Red (33%)
- Yellow (45%)
- Blue (100%)



- Cyan (67%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5479FF 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 5479FF by changing the saturation by 10% instead.



 5479FF

 5479FF

FFFFFF

 2A61E2

 96ADFF

 0049C5

 B5C8FF

 0034A9

 D4E4FF

 00208E

 F3FFFF

 000E74

 00085A

 000742

 00032B

 000115

■ 5479FF

■ 5479FF

■ 3A65FF

■ 6D8DFF

■ 2151FF

■ 87A1FF

■ 083DFF

■ A1B5FF

■ 0037FF

■ BAC9FF

■ D3DDFF

■ EDF1FF

FFFFFF

# Harmonies

## Analogous

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



0090FF



5479FF



C156D5

# Triad

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



5479FF



DB5C10



009F70

# Complementary

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



5479FF



FFDA54

# 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.



009A29



5479FF



AC7B00

# Square

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



5479FF



F43855



6F8F00



00A0B5

# Rectangle

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



5479FF



E43CAC



6F8F00



009E59



# Sweetspot

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



5479FF



CCD7FF



54FFDA



616880



000000



808080



# Same Dimension

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



5479FF



335FFF



8454FF



737680



0029BF



000E40



# Inverse Universe

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



FF5479



FF335F



CFFF54



807376



BF0029

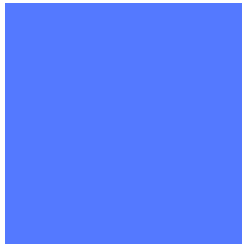


40000E



# Previews

## White Background



This preview shows how the Hex color 5479FF 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

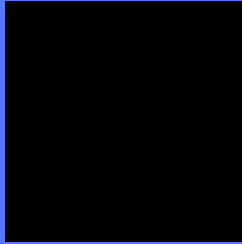
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5479FF Background



This preview shows how black text looks on a background with the Hex color 5479FF.



This preview shows how white text looks on a background with the Hex color 5479FF.

# 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](#).

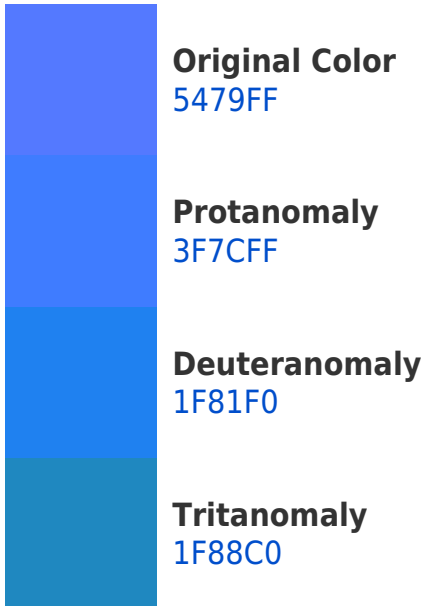
## Dichromacy



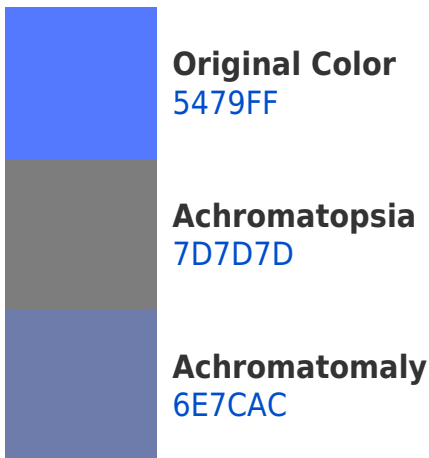


**Tritanopia**  
00919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5479FF 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 #5479FF looks like.

```
.text, #text, p{  
    color:#5479FF  
}
```

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 #5479FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5479FF
}
```

## Border

The CSS property to change the border of an element to Hex 5479FF 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
#5479FF }
```

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

```
.border{ border-color:#5479FF }
```

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

Here you see how a box with a 4 pixel #5479FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5479FF; -webkit-box-shadow:4px 4px  
4px 4px #5479FF; box-shadow:4px 4px 4px  
4px #5479FF }
```

# Background

The CSS property to change the background color of an element to Hex 5479FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5479FF }
```

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

```
.background{ background-color:#5479FF }
```

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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