

# Converting Colors

Hex(0859FF)

Have a look what the booklet for  
Hex(0859FF) contains.

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# Color

**Hex(0859FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0859FF
RGB	8, 89, 255
RGB Percent	3%, 35%, 100%
CMY	0.9686, 0.6510, 0.0000
CMYK	0.97, 0.65, 0.00, 0.00
HSL	220°, 100%, 52%
HSV	220°, 97%, 100%
XYZ	21.7225, 14.4164, 96.2455
YIQ	83.7050, -101.5620, 34.4540

# Conversions

## Conversions Part 2

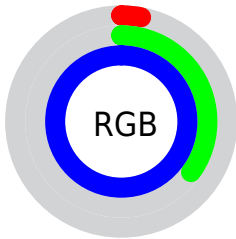
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 69, 255
Decimal	547327
CIE Lab	44.82, 43.53, -87.07
CIE LCh	45, 97.345, 296.559
Yxy	14.4164, 0.1641, 0.1089
Android (android.graphics.Color)	4278737407 (0xFF0859FF)
YUV	83.7050, 84.4484, -66.3933
Hunter-Lab	37.9689, 35.6766, -123.7130

# Details

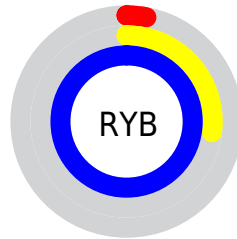
The Hex color **0859FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **FFAE08**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **748BFF**, and **002DC5** is the 20% darker color. If you saturate the color by 10%, you get **0054FF**, and if you desaturate by 10%, it is **216AFF**.

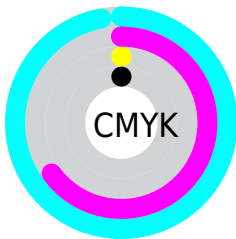
# Distribution



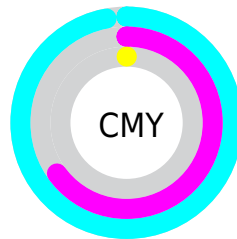
- Red (3%)
- Green (35%)
- Blue (100%)



- Red (3%)
- Yellow (27%)
- Blue (100%)



- Cyan (97%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0859FF 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 0859FF by changing the saturation by 10% instead.



 0859FF

 0859FF

FFFFFF

 0042E2

 748BFF

 002DC5

 97A5FF

 001AA9

 B8C0FF

 000A8D

 D8DCFF

 000573

 F8F8FF


 000D59

 000740

 00032A

 000114

 0859FF

 0859FF

 0054FF

 216AFF

 3B7BFF

 558CFF

 6E9EFF

 88AFFF

 A1C0FF

 BBD1FF

 D4E2FF

 EEF3FF

# Harmonies

## Analogous

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



007AFF



0859FF



BD00C5

# Triad

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



0859FF



C43700



00875E

# Complementary

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



0859FF



FFAE08

# 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.



008300



0859FF



8A6400

# Square

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



0859FF



E90029



357A00



0089B2

# Rectangle

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



0859FF



E20092



357A00



008641



# Sweetspot

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



0859FF



B5CDFF



08FFAD



536280



000000



808080



# Same Dimension

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



0859FF



0054FF



3108FF



737780



003FBF



001540



# Inverse Universe

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



FF0859



FF0054



D6FF08



807377



BF003F



400015



# Previews

## White Background



This preview shows how the Hex color 0859FF 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



This preview shows how the Hex color 0859FF looks on a 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

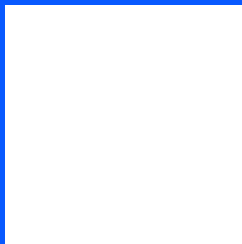
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0859FF Background



This preview shows how black text looks on a background with the Hex color 0859FF.

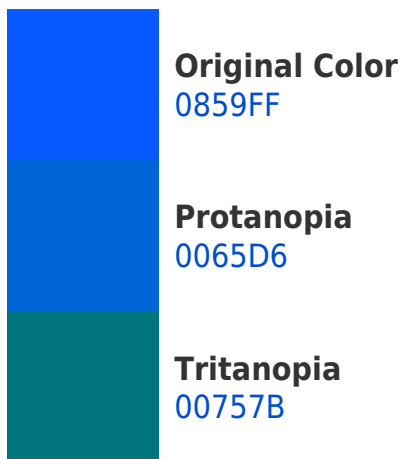


This preview shows how white text looks on a background with the Hex color 0859FF.

# 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



# Trichromacy



**Original Color**  
0859FF

**Protanomaly**  
0361E5

**Tritanomaly**  
036BAB

# Monochromacy



**Original Color**  
0859FF

**Achromatopsia**  
545454

**Achromatomaly**  
385692

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0859FF 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 #0859FF looks like.

```
.text, #text, p{  
    color:#0859FF  
}
```

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 #0859FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0859FF
}
```

## Border

The CSS property to change the border of an element to Hex 0859FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

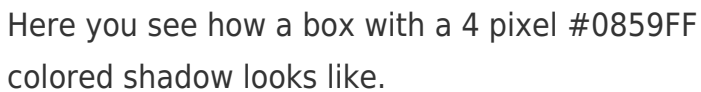
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0859FF }
```

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

```
.border{ border-color:#0859FF }
```

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



Here you see how a box with a 4 pixel #0859FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0859FF; -webkit-box-shadow:4px 4px  
4px 4px #0859FF; box-shadow:4px 4px 4px  
4px #0859FF }
```

# Background

The CSS property to change the background color of an element to Hex 0859FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0859FF }
```

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

```
.background{ background-color:#0859FF }
```

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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