

# Converting Colors

Hex(8461F8)

Have a look what the booklet for  
Hex(8461F8) contains.

<b>Hex(8461F8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(8461F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8461F8
RGB	132, 97, 248
RGB Percent	52%, 38%, 97%
CMY	0.4824, 0.6196, 0.0275
CMYK	0.47, 0.61, 0.00, 0.03
HSL	254°, 92%, 68%
HSV	254°, 61%, 97%
XYZ	30.7337, 20.2322, 91.0923
YIQ	124.6790, -27.6110, 54.3810

# Conversions

## Conversions Part 2

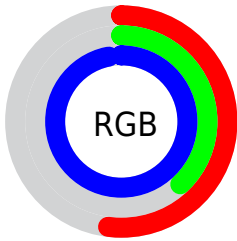
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 97, 248
Decimal	8675832
CIE <sub>Lab</sub>	52.10, 49.66, -71.04
CIE <sub>LCh</sub>	52, 86.676, 304.953
Yxy	20.2322, 0.2163, 0.1424
Android (android.graphics.Color)	4286865912 (0xFF8461F8)
YUV	124.6790, 60.7973, 6.4205
Hunter-Lab	44.9803, 43.2484, -88.5857

# Details

The Hex color **8461F8** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D5F861**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C095FF**, and **4630BE** is the 20% darker color. If you saturate the color by 10%, you get **7148F8**, and if you desaturate by 10%, it is **977AF8**.

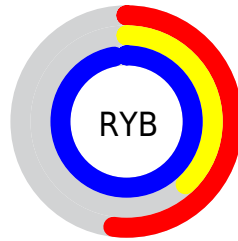
# Distribution



Red (52%)

Green (38%)

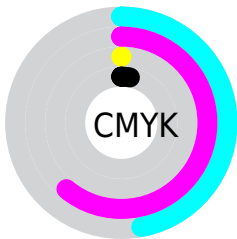
Blue (97%)



Red (52%)

Yellow (38%)

Blue (97%)

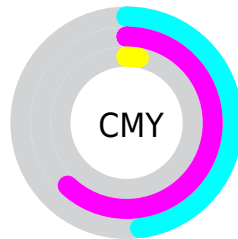


Cyan (47%)

Magenta (61%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (62%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8461F8 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 8461F8 by changing the saturation by 10% instead.



 8461F8

 8461F8

FFFFFF

 6648DB

 C095FF

 4630BE

 DEB0FF

 1E17A3

 FCCCFF

 000088

 FFE9FF

 00006D

 000054

 00063C

 000225

 00010E

8461F8

8461F8

7148F8

977AF8

5E2FF8

AA93F8

4B17F8

BDABF8

3900F8

D0C4F8

E3DDF8

F6F6F8

FFFFF8

# Harmonies

## Analogous

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



0083FF



8461F8



DB28BD

# Triad

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



8461F8



C75F00



009A87

# Complementary

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



8461F8



D5F861

# 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.



009737



8461F8



8D7E00

# Square

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



8461F8



EF2B2B



388F00



009AD1

# Rectangle

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



8461F8



F4008C



388F00



009A6D



# Sweetspot

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



8461F8



DCD1FF



61D7F8



6A6380



000000



808080



# Same Dimension

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



8461F8



7045FF



CD61F8



73707D



2C00BD



0E003D



# Inverse Universe

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



F861D5



FF45D4



8CF861



7D707A



BD0091

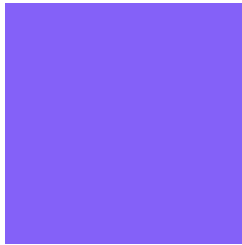


3D002F



# Previews

## White Background



This preview shows how the Hex color 8461F8 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 8461F8 Background



This preview shows how black text looks on a background with the Hex color 8461F8.



This preview shows how white text looks on a background with the Hex color 8461F8.

# 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](#).

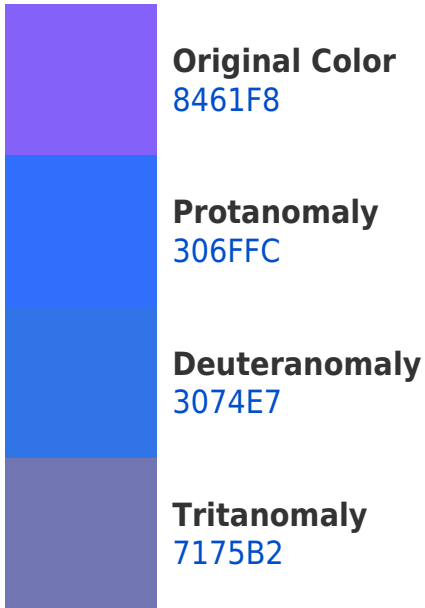
## Dichromacy



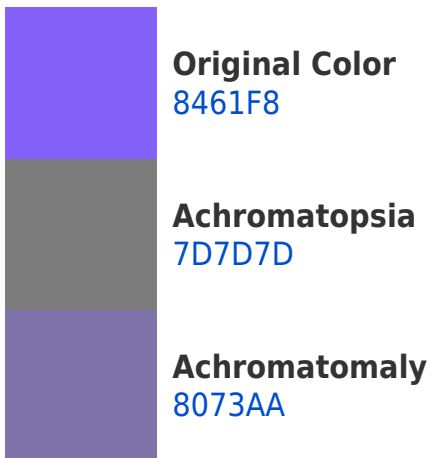


**Tritanopia**  
66808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8461F8 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 #8461F8 looks like.

```
.text, #text, p{  
    color:#8461F8  
}
```

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 #8461F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8461F8
}
```

## Border

The CSS property to change the border of an element to Hex 8461F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

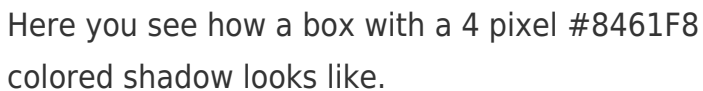
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8461F8 }
```

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

```
.border{ border-color:#8461F8 }
```

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



Here you see how a box with a 4 pixel #8461F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8461F8; -webkit-box-shadow:4px 4px  
4px 4px #8461F8; box-shadow:4px 4px 4px  
4px #8461F8 }
```

# Background

The CSS property to change the background color of an element to Hex 8461F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8461F8 }
```

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

```
.background{ background-color:#8461F8 }
```

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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