

Converting Colors

Hex(8153F7)

Have a look what the booklet for
Hex(8153F7) contains.

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Color

Hex(8153F7)

Conversions

Conversions Part 1

Format	Color
Hex	8153F7
RGB	129, 83, 247
RGB Percent	51%, 33%, 97%
CMY	0.4941, 0.6745, 0.0314
CMYK	0.48, 0.66, 0.00, 0.03
HSL	257°, 91%, 65%
HSV	257°, 66%, 97%
XYZ	28.9350, 17.5690, 89.8618
YIQ	115.4500, -25.2280, 60.7560

Conversions

Conversions Part 2

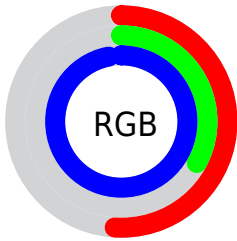
Format	Color
R _Y B	129, 83, 247
Decimal	8475639
CIE Lab	48.97, 56.32, -75.59
CIE LCh	49, 94.258, 306.689
Yxy	17.5690, 0.2122, 0.1288
Android (android.graphics.Color)	4286665719 (0xFF8153F7)
YUV	115.4500, 64.8542, 11.8833
Hunter-Lab	41.9154, 49.8699, -97.7700

Details

The Hex color **8153F7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **C9F753**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BD87FF**, and **4120BD** is the 20% darker color. If you saturate the color by 10%, you get **6F3AF7**, and if you desaturate by 10%, it is **936CF7**.

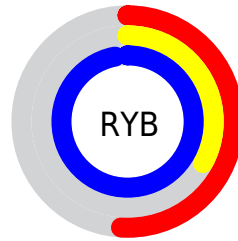
Distribution



Red (51%)

Green (33%)

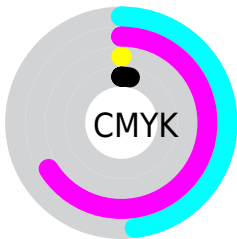
Blue (97%)



Red (51%)

Yellow (33%)

Blue (97%)

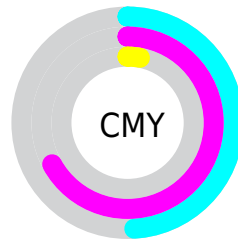


Cyan (48%)

Magenta (66%)

Yellow (0%)

Black (3%)



Cyan (49%)


Magenta (67%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8153F7 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 8153F7 by changing the saturation by 10% instead.

 8153F7

 8153F7

FFFFFF

 623ADA

 BD87FF

 4120BD

 DCA2FF

 1301A2

 FABEFF

 000086

 FFDAFF

 00006C

 FFF7FF

 000453

 00063B

 000224

 00000C

8153F7

8153F7

6F3AF7

936CF7

5D22F7

A584F7

4C09F7

B69DF7

4500F7

C8B6F7

DACFF7

ECE7F7

FDFFF7

FFFFFF7

Harmonies

Analogous

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



007BFF



8153F7



DC00B5

Triad

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



8153F7



BE5600



009385

Complementary

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



8153F7



C9F753

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.



00902E



8153F7



7E7700

Square

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



8153F7



EA0016



098800



0093D3

Rectangle

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



8153F7



F50081



098800



009269

Sweetspot

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



8153F7



DACCFE



53CBF7



696180



000000



808080

Same Dimension

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



8153F7



6C33FF



D153F7



726E7A



3400BA



10003B

Inverse Universe

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



F753C9



FF33C6



79F753



7A6E77



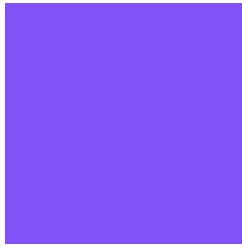
BA0086



3B002A

Previews

White Background



This preview shows how the Hex color 8153F7 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

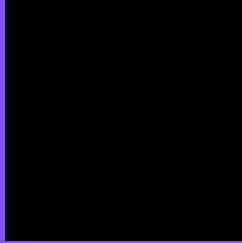
Any Text WCAG AA ✓ Pass

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 8153F7 Background



This preview shows how black text looks on a background with the Hex color 8153F7.

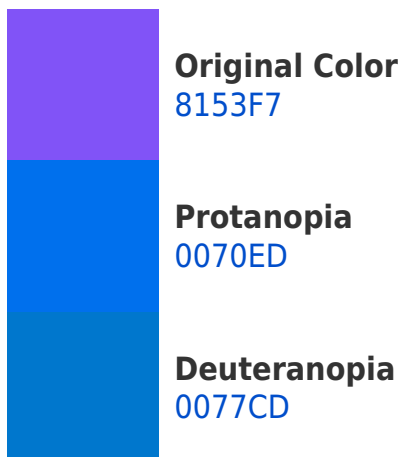


This preview shows how white text looks on a background with the Hex color 8153F7.

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](#).

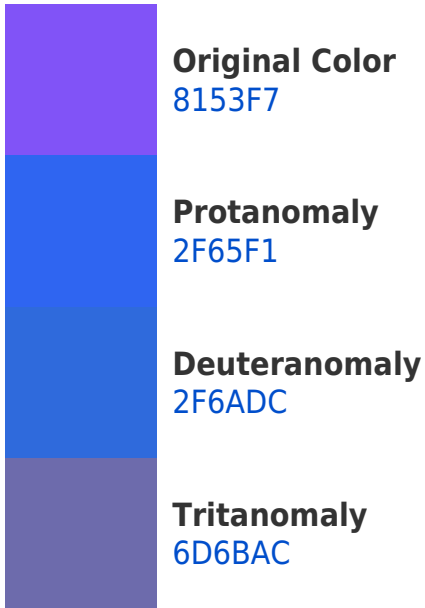
Dichromacy



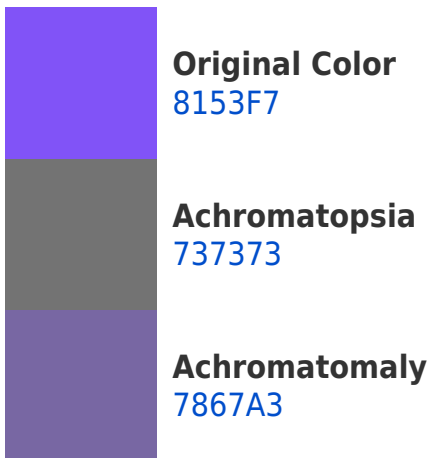


Tritanopia
617881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8153F7 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 #8153F7 looks like.

```
.text, #text, p{  
    color:#8153F7  
}
```

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 #8153F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8153F7
}
```

Border

The CSS property to change the border of an element to Hex 8153F7 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
#8153F7 }
```

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

```
.border{ border-color:#8153F7 }
```

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

Here you see how a box with a 4 pixel #8153F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8153F7; -webkit-box-shadow:4px 4px  
4px 4px #8153F7; box-shadow:4px 4px 4px  
4px #8153F7 }
```

Background

The CSS property to change the background color of an element to Hex 8153F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8153F7 }
```

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

```
.background{ background-color:#8153F7 }
```

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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