

Converting Colors

Hex(8117F7)

Have a look what the booklet for
Hex(8117F7) contains.

Hex(8117F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8117F7)

Conversions

Conversions Part 1

Format	Color
Hex	8117F7
RGB	129, 23, 247
RGB Percent	51%, 9%, 97%
CMY	0.4941, 0.9098, 0.0314
CMYK	0.48, 0.91, 0.00, 0.03
HSL	268°, 93%, 53%
HSV	268°, 91%, 97%
XYZ	26.1482, 11.9953, 88.9329
YIQ	80.2300, -8.7280, 92.1360

Conversions

Conversions Part 2

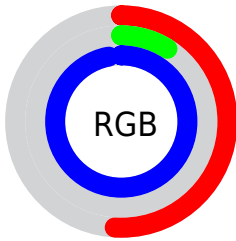
Format	Color
R _Y B	129, 23, 247
Decimal	8460279
CIE Lab	41.21, 78.60, -88.32
CIE LCh	41, 118.228, 311.669
Yxy	11.9953, 0.2058, 0.0944
Android (android.graphics.Color)	4286650359 (0xFF8117F7)
YUV	80.2300, 82.2176, 42.7713
Hunter-Lab	34.6343, 74.1539, -127.9992

Details

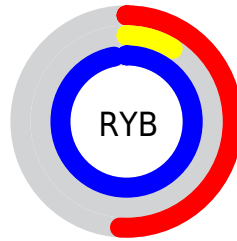
The Hex color **8117F7** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **8DF717**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C05AFF**, and **3C00BD** is the 20% darker color. If you saturate the color by 10%, you get **7500F7**, and if you desaturate by 10%, it is **8E30F7**.

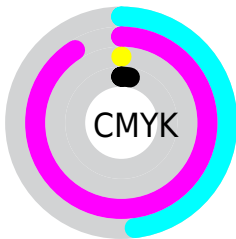
Distribution



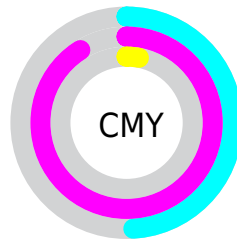
- Red (51%)
- Green (9%)
- Blue (97%)



- Red (51%)
- Yellow (9%)
- Blue (97%)



- Cyan (48%)
- Magenta (91%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (91%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8117F7 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 8117F7 by changing the saturation by 10% instead.

 8117F7

 8117F7

FFFFFF

 6000DA

 C05AFF

 3C00BD

 DF76FF

 0000A1

 FE93FF

 000086

 FFAFFF

 00006B

 FFCDFD


 000B52

 FFEAFF

 00053A

 000223

 00000A

 8117F7

 8117F7

 7500F7

 8E30F7

 9B48F7

 A861F7

 B57AF7

 C293F7

 CFABF7

 DCC4F7

 E9DDF7

 F6F5F7

Harmonies

Analogous

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



0067FF



8117F7



E500A1

Triad

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



8117F7



A54300



008187

Complementary

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



8117F7



8DF717

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.



007E19



8117F7



546A00

Square

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



8117F7



DF0000



007900



0083E4

Rectangle

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



8117F7



FA0061



007900



008065

Sweetspot

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



8117F7



DBBAFF



178EF7



6A5780



000000



808080

Same Dimension

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



8117F7



7900FF



F017F7



746E7A



5800BA



1C003B

Inverse Universe

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



F7178D



FF0086



1EF717



7A6E75



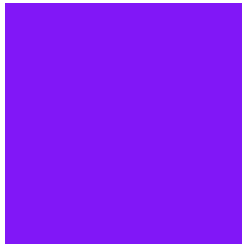
BA0062



3B001F

Previews

White Background



This preview shows how the Hex color 8117F7 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 × 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 8117F7 Background



This preview shows how black text looks on a background with the Hex color 8117F7.



This preview shows how white text looks on a background with the Hex color 8117F7.

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



Original Color
8117F7

Protanopia
005EC6

Deuteranopia
0064A9



Tritanopia
5C626A

Trichromacy



Original Color
8117F7



Protanomaly
2F44D8



Deuteranomaly
2F48C5



Tritanomaly
69479D

Monochromacy



Original Color
8117F7



Achromatopsia
505050



Achromatomaly
623B8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8117F7 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 #8117F7 looks like.

```
.text, #text, p{  
    color:#8117F7  
}
```

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 #8117F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8117F7
}
```

Border

The CSS property to change the border of an element to Hex 8117F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

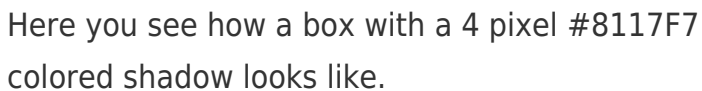
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8117F7 }
```

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

```
.border{ border-color:#8117F7 }
```

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



Here you see how a box with a 4 pixel #8117F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8117F7; -webkit-box-shadow:4px 4px  
4px 4px #8117F7; box-shadow:4px 4px 4px  
4px #8117F7 }
```

Background

The CSS property to change the background color of an element to Hex 8117F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8117F7 }
```

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

```
.background{ background-color:#8117F7 }
```

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