

Converting Colors

Hex(8177FF)

Have a look what the booklet for
Hex(8177FF) contains.

Hex(8177FF)	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(8177FF)

Conversions

Conversions Part 1

Format	Color
Hex	8177FF
RGB	129, 119, 255
RGB Percent	51%, 47%, 100%
CMY	0.4941, 0.5333, 0.0000
CMYK	0.49, 0.53, 0.00, 0.00
HSL	244°, 100%, 73%
HSV	244°, 53%, 100%
XYZ	33.7001, 25.0808, 97.6726
YIQ	137.4940, -37.6960, 44.4160

Conversions

Conversions Part 2

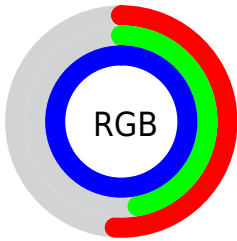
Format	Color
RYB	129, 119, 255
Decimal	8484863
CIELab	57.15, 38.57, -66.76
CIElCh	57, 77.100, 300.018
Yxy	25.0808, 0.2154, 0.1603
Android (android.graphics.Color)	4286674943 (0xFF8177FF)
YUV	137.4940, 57.9305, -7.4492
Hunter-Lab	50.0807, 32.4742, -80.5770

Details

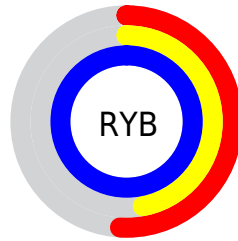
The Hex color **8177FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F5FF77**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BDABFF**, and **4246C5** is the 20% darker color. If you saturate the color by 10%, you get **695EFF**, and if you desaturate by 10%, it is **9991FF**.

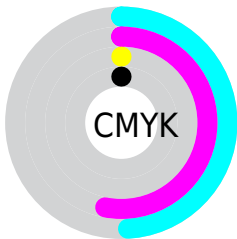
Distribution



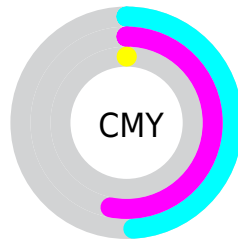
- Red (51%)
- Green (47%)
- Blue (100%)



- Red (51%)
- Yellow (47%)
- Blue (100%)



- Cyan (49%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8177FF 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 8177FF by changing the saturation by 10% instead.

 8177FF

 8177FF

FFFFFF

 635EE2

 BDABFF

 4246C5

 DBC7FF

 1830A9

 F9E3FF

 001A8E


 000774

 00005A

 000742

 00032B

 000115

 8177FF

 8177FF

 695EFF

 9991FF

 5244FF

 B0AAFF

 3A2AFF

 C8C3FF

 2311FF

 E0DDFF

 1300FF

 F7F7FF

FFFFFF

Harmonies

Analogous

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



0092FF



8177FF



D852CE

Triad

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



8177FF



D96A00



00A687

Complementary

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



8177FF



F5FF77

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.



00A240



8177FF



A68600

Square

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



8177FF



F9474A



629800



00A6CB

Rectangle

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



8177FF



F43CA3



629800



00A570

Sweetspot

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



8177FF



D9D6FF



77F6FF



696780



000000



808080

Same Dimension

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



8177FF



685CFF



C477FF



747380



0E00BF



050040

Inverse Universe

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



FF77F5



FF5CF3



B2FF77



80737F



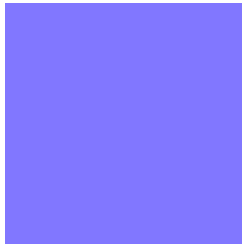
BF00B1



40003B

Previews

White Background



This preview shows how the Hex color 8177FF 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

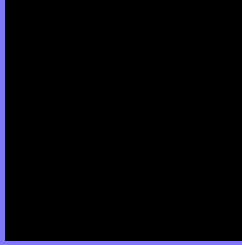
Any Text WCAG AA ✓ Pass

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 8177FF Background



This preview shows how black text looks on a background with the Hex color 8177FF.

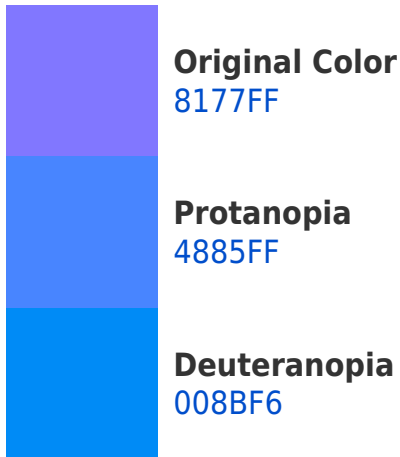


This preview shows how white text looks on a background with the Hex color 8177FF.

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
63909C

Trichromacy



Original Color
8177FF

Protanomaly
5D80FF

Deuteranomaly
2F84F9

Tritanomaly
6E87C0

Monochromacy



Original Color
8177FF

Achromatopsia
898989

Achromatomaly
8682B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8177FF 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 #8177FF looks like.

```
.text, #text, p{  
    color:#8177FF  
}
```

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 #8177FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8177FF
}
```

Border

The CSS property to change the border of an element to Hex 8177FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

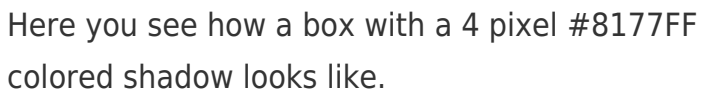
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8177FF }
```

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

```
.border{ border-color:#8177FF }
```

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



Here you see how a box with a 4 pixel #8177FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8177FF; -webkit-box-shadow:4px 4px  
4px 4px #8177FF; box-shadow:4px 4px 4px  
4px #8177FF }
```

Background

The CSS property to change the background color of an element to Hex 8177FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8177FF }
```

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

```
.background{ background-color:#8177FF }
```

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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