

Converting Colors

Hex(8746FF)

Have a look what the booklet for
Hex(8746FF) contains.

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Color

Hex(8746FF)

Conversions

Conversions Part 1

Format	Color
Hex	8746FF
RGB	135, 70, 255
RGB Percent	53%, 27%, 100%
CMY	0.4706, 0.7255, 0.0000
CMYK	0.47, 0.73, 0.00, 0.00
HSL	261°, 100%, 64%
HSV	261°, 73%, 100%
XYZ	30.2318, 16.7512, 96.2477
YIQ	110.5250, -20.6450, 71.3150

Conversions

Conversions Part 2

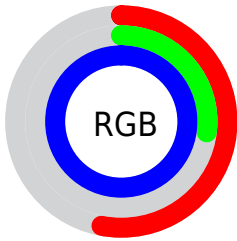
Format	Color
R _Y B	135, 70, 255
Decimal	8865535
CIE _{Lab}	47.95, 65.68, -81.69
CIE _{LCh}	48, 104.823, 308.799
Y _{xy}	16.7512, 0.2111, 0.1170
Android (android.graphics.Color)	4287055615 (0xFF8746FF)
Y _{UV}	110.5250, 71.2262, 21.4646
Hunter-Lab	40.9282, 60.2254, -110.7777

Details

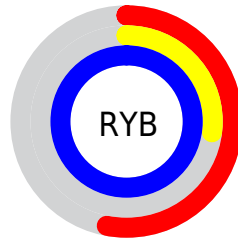
The Hex color **8746FF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **BEFF46**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C47CFF**, and **4606C5** is the 20% darker color. If you saturate the color by 10%, you get **762DFF**, and if you desaturate by 10%, it is **9860FF**.

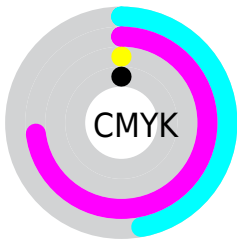
Distribution



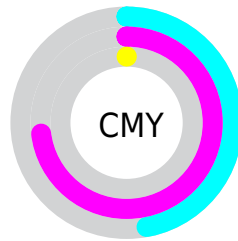
- Red (53%)
- Green (27%)
- Blue (100%)



- Red (53%)
- Yellow (27%)
- Blue (100%)



- Cyan (47%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8746FF 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 8746FF by changing the saturation by 10% instead.

 8746FF

 8746FF

FFFFFF

 672AE2

 C47CFF

 4606C5

 E397FF

 1800A9

 FFB3FF

 00008D

 FFD0FF

 000073

 FFEDFF

 000259

 000740

 00032A

 000114

8746FF

8746FF

762DFF

9860FF

6613FF

A879FF

5A00FF

B993FF

C9ACFF

DAC6FF

EADFFF

FBF9FF

FFFFFF

Harmonies

Analogous

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



0078FF



8746FF



E800B4

Triad

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



8746FF



BC5300



00928B

Complementary

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



8746FF



BEFF46

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.



008F2A



8746FF



747700

Square

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



8746FF



EF0000



008800



0093E1

Rectangle

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



8746FF



FF007A



008800



00916C

Sweetspot

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



8746FF



DBC7FF



46BEFF



6A5E80



000000



808080

Same Dimension

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



8746FF



6F21FF



E346FF



777380



4300BF



160040

Inverse Universe

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



FF46BE



FF21B1



62FF46



80737B



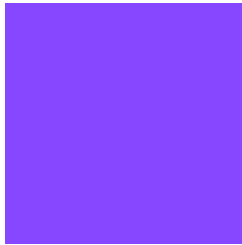
BF007C



400029

Previews

White Background



This preview shows how the Hex color 8746FF 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

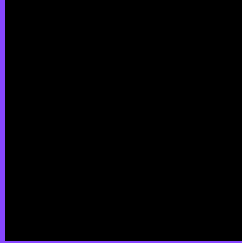
Any Text WCAG AA × Fail

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 8746FF Background



This preview shows how black text looks on a background with the Hex color 8746FF.

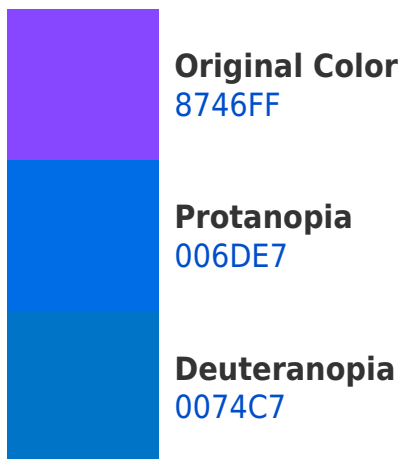


This preview shows how white text looks on a background with the Hex color 8746FF.

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
65747D

Trichromacy



Original Color
8746FF



Protanomaly
315FF0



Deuteranomaly
3163DB



Tritanomaly
7163AC

Monochromacy



Original Color
8746FF



Achromatopsia
6F6F6F



Achromatomaly
7860A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 8746FF 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 #8746FF looks like.

```
.text, #text, p{  
  color:#8746FF  
}
```

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 #8746FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8746FF  
}
```

Border

The CSS property to change the border of an element to Hex 8746FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

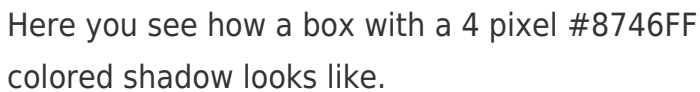
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8746FF }
```

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

```
.border{ border-color:#8746FF }
```

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



Here you see how a box with a 4 pixel #8746FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8746FF; -webkit-box-shadow:4px 4px  
4px 4px #8746FF; box-shadow:4px 4px 4px  
4px #8746FF }
```

Background

The CSS property to change the background color of an element to Hex 8746FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8746FF }
```

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

```
.background{ background-color:#8746FF }
```

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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