

Converting Colors

Hex(7F48FF)

Have a look what the booklet for
Hex(7F48FF) contains.

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Color

Hex(7F48FF)

Conversions

Conversions Part 1

Format	Color
Hex	7F48FF
RGB	127, 72, 255
RGB Percent	50%, 28%, 100%
CMY	0.5020, 0.7176, 0.0000
CMYK	0.50, 0.72, 0.00, 0.00
HSL	258°, 100%, 64%
HSV	258°, 72%, 100%
XYZ	29.1198, 16.3668, 96.2321
YIQ	109.3070, -25.9630, 68.5730

Conversions

Conversions Part 2

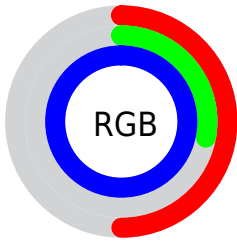
Format	Color
R _Y B	127, 72, 255
Decimal	8341759
CIE Lab	47.45, 63.57, -82.53
CIE LCh	47, 104.177, 307.605
Yxy	16.3668, 0.2055, 0.1155
Android (android.graphics.Color)	4286531839 (0xFF7F48FF)
YUV	109.3070, 71.8266, 15.5168
Hunter-Lab	40.4558, 57.6850, -112.7136

Details

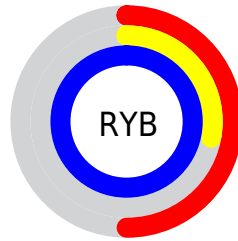
The Hex color **7F48FF** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **C8FF48**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BD7DFF**, and **3B0EC5** is the 20% darker color. If you saturate the color by 10%, you get **6D2FFF**, and if you desaturate by 10%, it is **9162FF**.

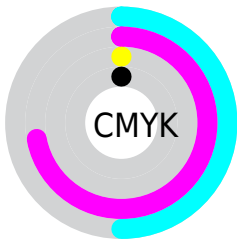
Distribution



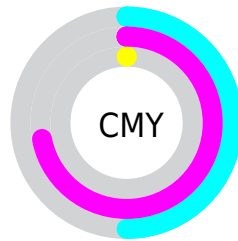
- Red (50%)
- Green (28%)
- Blue (100%)



- Red (50%)
- Yellow (28%)
- Blue (100%)



- Cyan (50%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F48FF 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 7F48FF by changing the saturation by 10% instead.

 7F48FF

 7F48FF

FFFFFF

 5F2DE2

 BD7DFF

 3B0EC5

 DC98FF

 0000A9

 FBB4FF

 00008D

 FFD0FF

 000073

 FFEDFF

 000659

 000740

 000329

 000114

 7F48FF

 7F48FF

 6D2FFF

 9162FF

 5B15FF

 A37BFF

 4D00FF

 B594FF

 C6AEFF

 D8C8FF

 EAE1FF

 FCFBFF

FFFFFF

Harmonies

Analogous

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



0078FF



7F48FF



E300B5

Triad

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



7F48FF



BC5000



009186

Complementary

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



7F48FF



C8FF48

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.



008D24



7F48FF



767500

Square

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



7F48FF



EE0000



008600



0091DC

Rectangle

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



7F48FF



FC007C



008600



009067

Sweetspot

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



7F48FF



D8C7FF



48C8FF



685E80



000000



808080

Same Dimension

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



7F48FF



6624FF



DA48FF



777380



3900BF



130040

Inverse Universe

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



FF48C8



FF24BD



6DFF48



80737C



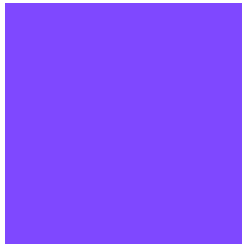
BF0086



40002D

Previews

White Background



This preview shows how the Hex color 7F48FF looks on a white background.

Color Contrast Check

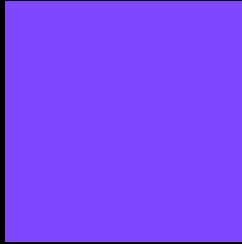
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7F48FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

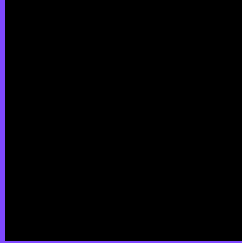
Any Text WCAG AA × Fail

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 7F48FF Background



This preview shows how black text looks on a background with the Hex color 7F48FF.

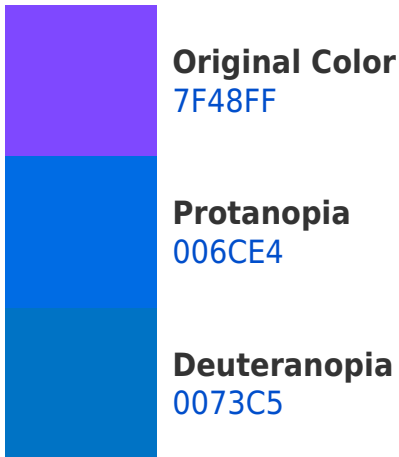


This preview shows how white text looks on a background with the Hex color 7F48FF.

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





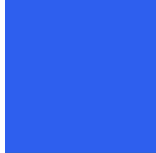
Tritanopia
59747E

Trichromacy



Original Color

7F48FF



Protanomaly

2E5FEE



Deuteranomaly

2E63DA



Tritanomaly

6764AD

Monochromacy



Original Color

7F48FF



Achromatopsia

6D6D6D



Achromatomaly

7460A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F48FF 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 #7F48FF looks like.

```
.text, #text, p{  
  color:#7F48FF  
}
```

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 #7F48FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F48FF
}
```

Border

The CSS property to change the border of an element to Hex 7F48FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

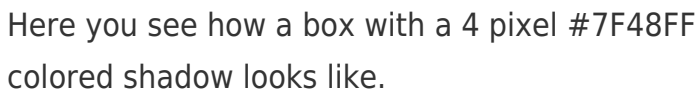
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F48FF }
```

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

```
.border{ border-color:#7F48FF }
```

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



Here you see how a box with a 4 pixel #7F48FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F48FF; -webkit-box-shadow:4px 4px  
4px 4px #7F48FF; box-shadow:4px 4px 4px  
4px #7F48FF }
```

Background

The CSS property to change the background color of an element to Hex 7F48FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F48FF }
```

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

```
.background{ background-color:#7F48FF }
```

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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