

Converting Colors

Hex(7F0FF0)

Have a look what the booklet for
Hex(7F0FF0) contains.

Hex(7F0FF0)	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(7F0FF0)

Conversions

Conversions Part 1

Format	Color
Hex	7F0FF0
RGB	127, 15, 240
RGB Percent	50%, 6%, 94%
CMY	0.5020, 0.9412, 0.0588
CMYK	0.47, 0.94, 0.00, 0.06
HSL	270°, 88%, 50%
HSV	270°, 94%, 94%
XYZ	24.6514, 11.1449, 83.2900
YIQ	74.1380, -5.4730, 93.7190

Conversions

Conversions Part 2

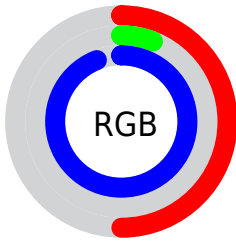
Format	Color
R _Y B	127, 15, 240
Decimal	8327152
CIE Lab	39.82, 78.24, -86.66
CIE LCh	40, 116.760, 312.077
Yxy	11.1449, 0.2070, 0.0936
Android (android.graphics.Color)	4286517232 (0xFF7F0FF0)
YUV	74.1380, 81.7700, 46.3600
Hunter-Lab	33.3840, 73.3856, -124.5540

Details

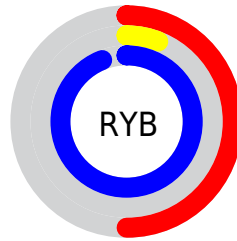
The Hex color **7F0FF0** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **80F00F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BD56FF**, and **3B00B6** is the 20% darker color. If you saturate the color by 10%, you get **7700F0**, and if you desaturate by 10%, it is **8B27F0**.

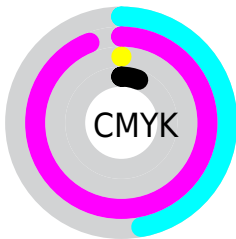
Distribution



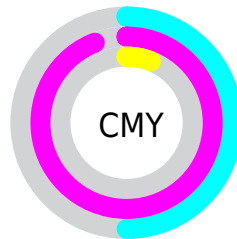
- Red (50%)
- Green (6%)
- Blue (94%)



- Red (50%)
- Yellow (6%)
- Blue (94%)



- Cyan (47%)
- Magenta (94%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (94%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0FF0 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 7F0FF0 by changing the saturation by 10% instead.

 7F0FF0

 7F0FF0

FFFFFF

 5F00D3

 BD56FF

 3B00B6

 DC72FF

 00009A

 FC8FFF

 000080

 FFACFF

 000065

 FFC9FF

 00094C

 FFE6FF

 000434

 00021E

 000000

 7F0FF0

 7F0FF0

 7700F0

 8B27F0

 973FF0

 A357F0

 AF6FF0

 BB87F0

 C79FF0

 D3B7F0

 DFCFF0

 EBE7F0

Harmonies

Analogous

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



0063FF



7F0FF0



E0009B

Triad

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



7F0FF0



A04100



007D84

Complementary

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



7F0FF0



80F00F

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.



007A19



7F0FF0



4F6700

Square

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



7F0FF0



D90000



007500



007FE0

Rectangle

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



7F0FF0



F3005D



007500



007C63

Sweetspot

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



7F0FF0



DBB8FF



0F83F0



6A5480



000000



808080

Same Dimension

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



7F0FF0



7F00FF



EC0FF0



726C78



5B00B8



1C0038

Inverse Universe

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



F00F80



FF0080



13F00F



786C72



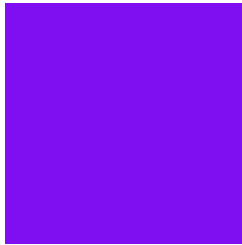
B8005C



38001C

Previews

White Background



This preview shows how the Hex color 7F0FF0 looks on a white background.

Color Contrast Check

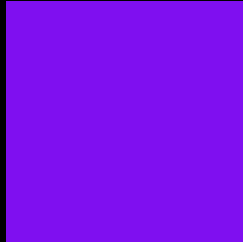
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0FF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

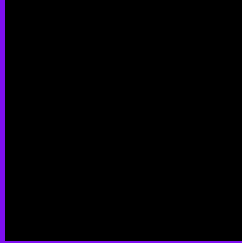
Any Text WCAG AA × Fail

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 7F0FF0 Background



This preview shows how black text looks on a background with the Hex color 7F0FF0.



This preview shows how white text looks on a background with the Hex color 7F0FF0.

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
7F0FF0

Protanopia
005BC0

Deuteranopia
0061A4

Trichromacy



Original Color

7F0FF0



Protanomaly

2E3FD1



Deuteranomaly

2E43C0



Tritanomaly

694198

Monochromacy



Original Color

7F0FF0



Achromatopsia

4A4A4A



Achromatomaly

5D3586

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0FF0 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 #7F0FF0 looks like.

```
.text, #text, p{  
    color:#7F0FF0  
}
```

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 #7F0FF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0FF0
}
```

Border

The CSS property to change the border of an element to Hex 7F0FF0 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".

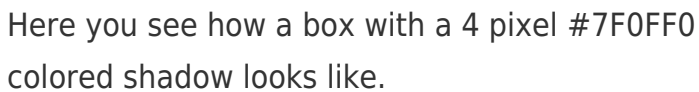
```
.border, #border, table{ border:4px solid
#7F0FF0 }
```

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

```
.border{ border-color:#7F0FF0 }
```

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

Here you see how a box with a 4 pixel #7F0FF0 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0FF0; -webkit-box-shadow:4px 4px  
4px 4px #7F0FF0; box-shadow:4px 4px 4px  
4px #7F0FF0 }
```

Background

The CSS property to change the background color of an element to Hex 7F0FF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0FF0 }
```

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

```
.background{ background-color:#7F0FF0 }
```

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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