

Converting Colors

Hex(7F0FFF)

Have a look what the booklet for
Hex(7F0FFF) contains.

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Color

Hex(7F0FFF)

Conversions

Conversions Part 1

Format	Color
Hex	7F0FFF
RGB	127, 15, 255
RGB Percent	50%, 6%, 100%
CMY	0.5020, 0.9412, 0.0000
CMYK	0.50, 0.94, 0.00, 0.00
HSL	268°, 100%, 53%
HSV	268°, 94%, 100%
XYZ	26.9732, 12.0737, 95.5165
YIQ	75.8480, -10.2880, 98.3840

Conversions

Conversions Part 2

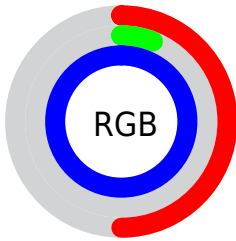
Format	Color
RYB	127, 15, 255
Decimal	8327167
CIELab	41.33, 81.45, -92.61
CIELCh	41, 123.329, 311.333
Yxy	12.0737, 0.2004, 0.0897
Android (android.graphics.Color)	4286517247 (0xFF7F0FFF)
YUV	75.8480, 88.3219, 44.8603
Hunter-Lab	34.7472, 77.7567, -138.6592

Details

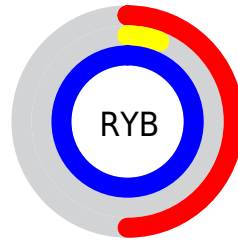
The Hex color **7F0FFF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **8FFF0F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BF57FF**, and **3600C5** is the 20% darker color. If you saturate the color by 10%, you get **7700FF**, and if you desaturate by 10%, it is **8D29FF**.

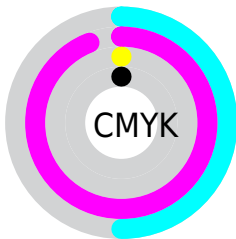
Distribution



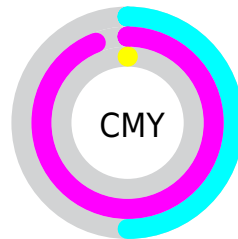
- Red (50%)
- Green (6%)
- Blue (100%)



- Red (50%)
- Yellow (6%)
- Blue (100%)



- Cyan (50%)
- Magenta (94%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0FFF 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 7F0FFF by changing the saturation by 10% instead.

 7F0FFF

 7F0FFF

FFFFFF

 5D00E1

 BF57FF

 3600C5

 DE74FF

 0000A8

 FE91FF

 00008D

 FFADFF

 000072

 FFCBFF

 000C58

 FFE8FF

 000740

 000329

 000113

 7F0FFF

 7F0FFF

 7700FF

 8D29FF

 9A42FF

 A85CFF

 B575FF

 C38FFF

 D1A8FF

 DEC2FF

 ECDBFF

 F9F5FF

Harmonies

Analogous

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



0068FF



7F0FFF



EA00A5

Triad

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



7F0FFF



A94100



008288

Complementary

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



7F0FFF



8FFF0F

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.



007F13



7F0FFF



536A00

Square

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



7F0FFF



E50000



007A00



0084EA

Rectangle

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



7F0FFF



FF0063



007A00



008164

Sweetspot

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



7F0FFF



D9B8FF



0F8FFF



685480



000000



808080

Same Dimension

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



7F0FFF



7700FF



F70FFF



797380



5900BF



1E0040

Inverse Universe

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



FF0F8F



FF0088



17FF0F



80737A



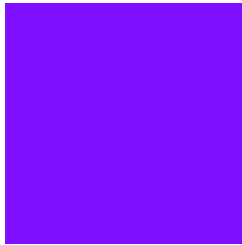
BF0066



400022

Previews

White Background



This preview shows how the Hex color 7F0FFF looks on a white background.

Color Contrast Check

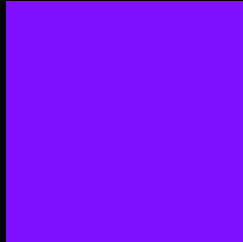
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0FFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

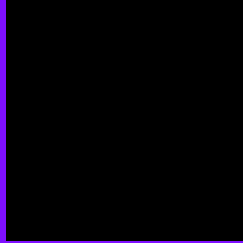
Any Text WCAG AA × Fail

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 7F0FFF Background



This preview shows how black text looks on a background with the Hex color 7F0FFF.

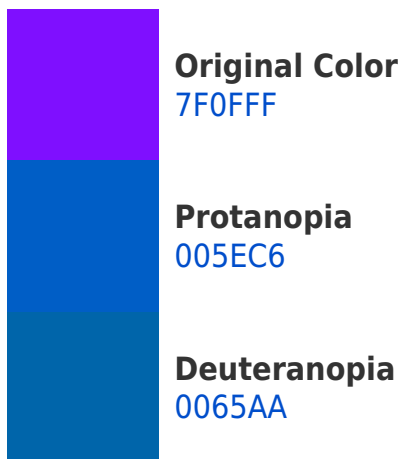


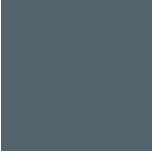
This preview shows how white text looks on a background with the Hex color 7F0FFF.

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
55646C

Trichromacy



Original Color

7F0FFF



Protanomaly

2E41DB



Deuteranomaly

2E46C9



Tritanomaly

6445A1

Monochromacy



Original Color

7F0FFF



Achromatopsia

4C4C4C



Achromatomaly

5F368D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0FFF 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 #7F0FFF looks like.

```
.text, #text, p{  
    color:#7F0FFF  
}
```

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 #7F0FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0FFF
}
```

Border

The CSS property to change the border of an element to Hex 7F0FFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

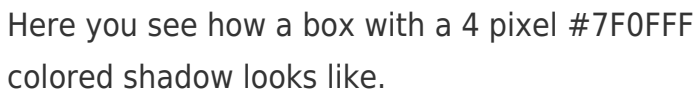
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0FFF }
```

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

```
.border{ border-color:#7F0FFF }
```

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



Here you see how a box with a 4 pixel `#7F0FFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0FFF; -webkit-box-shadow:4px 4px  
4px 4px #7F0FFF; box-shadow:4px 4px 4px  
4px #7F0FFF }
```

Background

The CSS property to change the background color of an element to Hex 7F0FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0FFF }
```

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

```
.background{ background-color:#7F0FFF }
```

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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