

# Converting Colors

Hex(7F16FF)

Have a look what the booklet for  
Hex(7F16FF) contains.

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**Color**

**Hex(7F16FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F16FF
RGB	127, 22, 255
RGB Percent	50%, 9%, 100%
CMY	0.5020, 0.9137, 0.0000
CMYK	0.50, 0.91, 0.00, 0.00
HSL	267°, 100%, 54%
HSV	267°, 91%, 100%
XYZ	27.0893, 12.3058, 95.5552
YIQ	79.9570, -12.2130, 94.7230

# Conversions

## Conversions Part 2

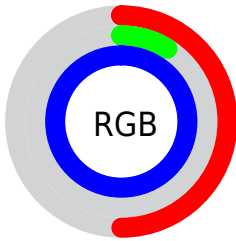
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 22, 255
Decimal	8328959
CIE Lab	41.70, 80.35, -92.00
CIE LCh	42, 122.148, 311.131
Yxy	12.3058, 0.2007, 0.0912
Android (android.graphics.Color)	4286519039 (0xFF7F16FF)
YUV	79.9570, 86.2962, 41.2567
Hunter-Lab	35.0797, 76.4522, -136.9471

# Details

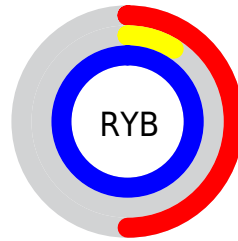
The Hex color **7F16FF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **96FF16**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BF5AFF**, and **3600C5** is the 20% darker color. If you saturate the color by 10%, you get **7300FF**, and if you desaturate by 10%, it is **8D30FF**.

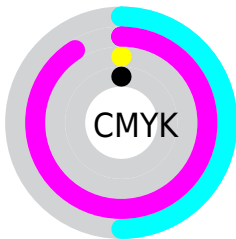
# Distribution



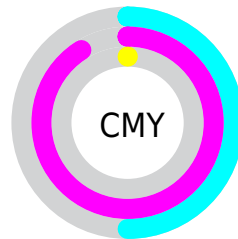
- Red (50%)
- Green (9%)
- Blue (100%)



- Red (50%)
- Yellow (9%)
- Blue (100%)



- Cyan (50%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (91%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F16FF 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 7F16FF by changing the saturation by 10% instead.



 7F16FF

 7F16FF

FFFFFF

 5D00E2

 BF5AFF

 3600C5

 DE76FF

 0000A8

 FE93FF

 00008D

 FFB0FF

 000072

 FFCDFD

 000B58

 FFEAFF

 000740

 000329

 000113

 7F16FF

 7F16FF

 7300FF

 8D30FF

 9B49FF

 A962FF

 B77CFF

 C595FF

 D3AFFF

 E1C9FF

 EFE2FF

 FDFBFF

# Harmonies

## Analogous

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



0069FF



7F16FF



EA00A6

# Triad

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



7F16FF



AA4200



008387

# Complementary

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



7F16FF



96FF16

# 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.



008014



7F16FF



566B00

# Square

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



7F16FF



E50000



007A00



0085E9

# Rectangle

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



7F16FF



FF0064



007A00



008264



# Sweetspot

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



7F16FF



D9BAFF



1696FF



695780



000000



808080



# Same Dimension

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



7F16FF



7300FF



F316FF



787380



5600BF



1D0040



# Inverse Universe

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



FF1696



FF008C



22FF16



80737A



BF0069

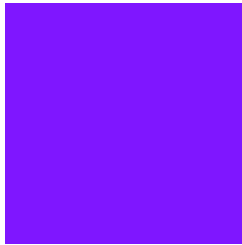


400023



# Previews

## White Background



This preview shows how the Hex color 7F16FF looks on a white background.

## Color Contrast Check

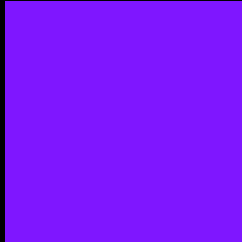
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F16FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

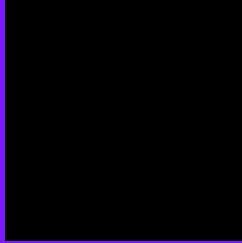
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F16FF Background



This preview shows how black text looks on a background with the Hex color 7F16FF.

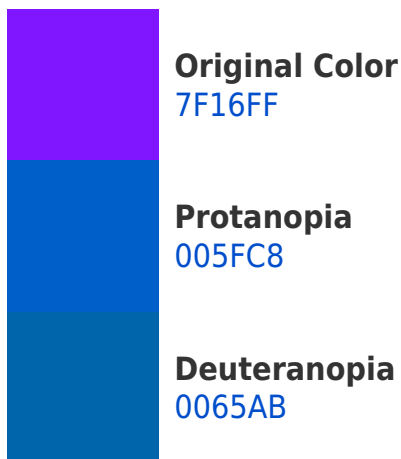


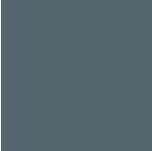
This preview shows how white text looks on a background with the Hex color 7F16FF.

# 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**  
55656D

# Trichromacy



**Original Color**

7F16FF



**Protanomaly**

2E44DC



**Deuteranomaly**

2E48CA



**Tritanomaly**

6448A2

# Monochromacy



**Original Color**

7F16FF



**Achromatopsia**

505050



**Achromatomaly**

613B90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F16FF 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 #7F16FF looks like.

```
.text, #text, p{  
    color:#7F16FF  
}
```

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 #7F16FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F16FF
}
```

## Border

The CSS property to change the border of an element to Hex 7F16FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

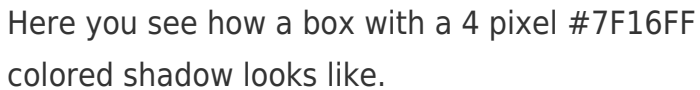
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F16FF }
```

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

```
.border{ border-color:#7F16FF }
```

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



Here you see how a box with a 4 pixel #7F16FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F16FF; -webkit-box-shadow:4px 4px  
4px 4px #7F16FF; box-shadow:4px 4px 4px  
4px #7F16FF }
```

# Background

The CSS property to change the background color of an element to Hex 7F16FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F16FF }
```

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

```
.background{ background-color:#7F16FF }
```

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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