

Converting Colors

Hex(7F66FF)

Have a look what the booklet for
Hex(7F66FF) contains.

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Color

Hex(7F66FF)

Conversions

Conversions Part 1

Format	Color
Hex	7F66FF
RGB	127, 102, 255
RGB Percent	50%, 40%, 100%
CMY	0.5020, 0.6000, 0.0000
CMYK	0.50, 0.60, 0.00, 0.00
HSL	250°, 100%, 70%
HSV	250°, 60%, 100%
XYZ	31.5538, 21.2348, 97.0434
YIQ	126.9170, -34.2130, 52.8830

Conversions

Conversions Part 2

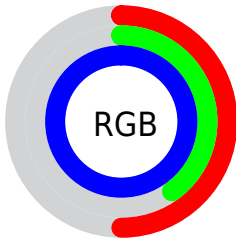
Format	Color
R _Y B	127, 102, 255
Decimal	8349439
CIE Lab	53.21, 47.91, -73.15
CIE LCh	53, 87.445, 303.223
Yxy	21.2348, 0.2106, 0.1417
Android (android.graphics.Color)	4286539519 (0xFF7F66FF)
YUV	126.9170, 63.1449, 0.0728
Hunter-Lab	46.0812, 41.5845, -92.6033

Details

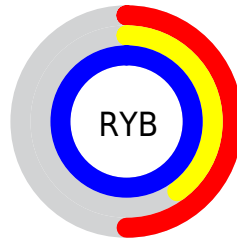
The Hex color **7F66FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E6FF66**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BC9AFF**, and **3E35C5** is the 20% darker color. If you saturate the color by 10%, you get **6A4DFF**, and if you desaturate by 10%, it is **9480FF**.

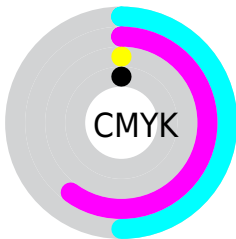
Distribution



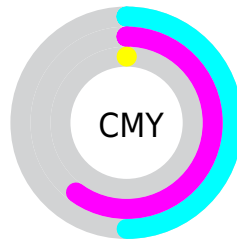
- Red (50%)
- Green (40%)
- Blue (100%)



- Red (50%)
- Yellow (40%)
- Blue (100%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F66FF 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 7F66FF by changing the saturation by 10% instead.

 7F66FF

 7F66FF

FFFFFF

 604DE2

 BC9AFF

 3E35C5

 DAB5FF

 0A1EA9

 F8D1FF

 00068E

 FFEEFF

 000073

 00005A

 000741

 00032A

 000114

 7F66FF

 7F66FF

 6A4DFF

 9480FF

 5433FF

 AA99FF

 3F19FF

 BFB3FF

 2A00FF

 D4CCFF

 EAE6FF

FFFFFF

Harmonies

Analogous

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



0087FF



7F66FF



DC2FC4

Triad

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



7F66FF



CE5F00



009E86

Complementary

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



7F66FF



E6FF66

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.



009A34



7F66FF



947F00

Square

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



7F66FF



F52A31



429100



009ED1

Rectangle

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



7F66FF



F70094



429100



009D6B

Sweetspot

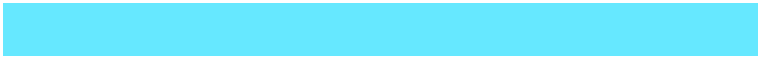
The Sweet Spot groups the original color and five complimentary colors.



7F66FF



D9D1FF



66E8FF



686380



000000



808080

Same Dimension

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



7F66FF



6547FF



C966FF



757380



1F00BF



0A0040

Inverse Universe

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



FF66E6



FF47E1



9CFF66



80737D



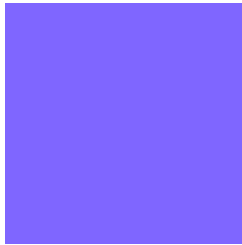
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 7F66FF looks on a white background.

Color Contrast Check

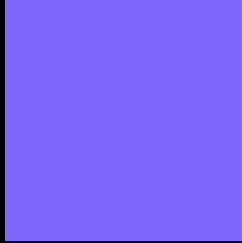
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7F66FF looks on a black 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

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

Hex 7F66FF Background



This preview shows how black text looks on a background with the Hex color 7F66FF.

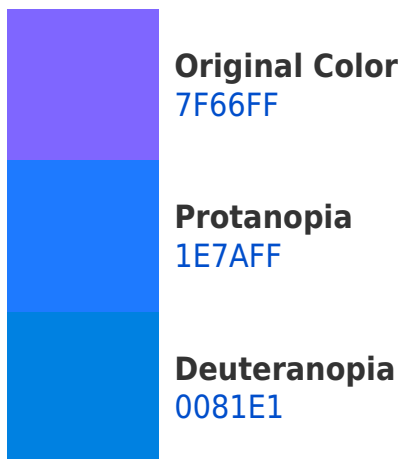


This preview shows how white text looks on a background with the Hex color 7F66FF.

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](#).

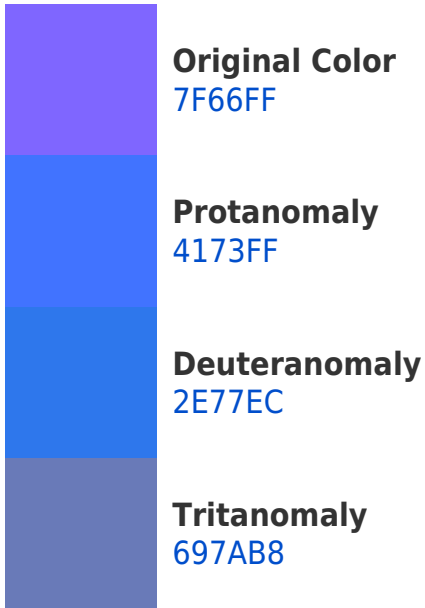
Dichromacy



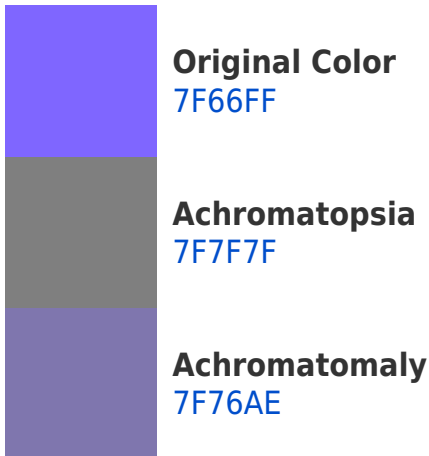


Tritanopia
5D8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F66FF 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 #7F66FF looks like.

```
.text, #text, p{  
    color:#7F66FF  
}
```

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 #7F66FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F66FF
}
```

Border

The CSS property to change the border of an element to Hex 7F66FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

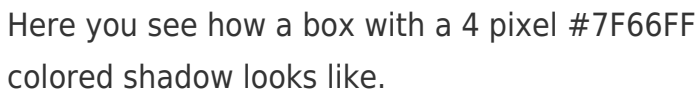
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F66FF }
```

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

```
.border{ border-color:#7F66FF }
```

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



Here you see how a box with a 4 pixel #7F66FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F66FF; -webkit-box-shadow:4px 4px  
4px 4px #7F66FF; box-shadow:4px 4px 4px  
4px #7F66FF }
```

Background

The CSS property to change the background color of an element to Hex 7F66FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F66FF }
```

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

```
.background{ background-color:#7F66FF }
```

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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