

Converting Colors

Hex(7666FF)

Have a look what the booklet for
Hex(7666FF) contains.

Hex(7666FF)	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(7666FF)

Conversions

Conversions Part 1

Format	Color
Hex	7666FF
RGB	118, 102, 255
RGB Percent	46%, 40%, 100%
CMY	0.5373, 0.6000, 0.0000
CMYK	0.54, 0.60, 0.00, 0.00
HSL	246°, 100%, 70%
HSV	246°, 60%, 100%
XYZ	30.2726, 20.5743, 96.9834
YIQ	124.2260, -39.5770, 50.9750

Conversions

Conversions Part 2

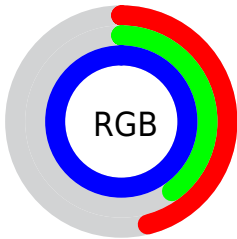
Format	Color
RYB	118, 102, 255
Decimal	7759615
CIELab	52.48, 46.29, -74.36
CIELCh	52, 87.590, 301.900
Yxy	20.5743, 0.2048, 0.1392
Android (android.graphics.Color)	4285949695 (0xFF7666FF)
YUV	124.2260, 64.4716, -5.4602
Hunter-Lab	45.3589, 39.7531, -95.0188

Details

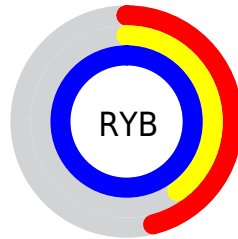
The Hex color **7666FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFFF66**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B39AFF**, and **3136C5** is the 20% darker color. If you saturate the color by 10%, you get **5F4DFF**, and if you desaturate by 10%, it is **8D80FF**.

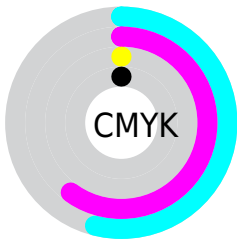
Distribution



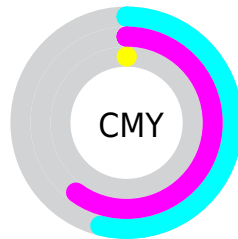
- Red (46%)
- Green (40%)
- Blue (100%)



- Red (46%)
- Yellow (40%)
- Blue (100%)



- Cyan (54%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7666FF 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 7666FF by changing the saturation by 10% instead.

 7666FF

 7666FF

FFFFFF

 564DE2

 B39AFF

 3136C5

 D2B5FF

 001FA9


 F0D1FF

 00098E

 FFEDFF

 000073

 00025A

 000741

 00032A

 000114

 7666FF


 7666FF

 5F4DFF

 8D80FF

 4833FF

 A499FF

 3119FF

 BAB3FF

 1B00FF

 D1CCFF

 E8E6FF

FFFFFF

Harmonies

Analogous

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



0086FF



7666FF



D72FC6

Triad

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



7666FF



CE5B00



009B80

Complementary

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



7666FF



EFFF66

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.



00982E



7666FF



947C00

Square

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



7666FF



F42233



448F00



009CCC

Rectangle

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



7666FF



F40095



448F00



009B66

Sweetspot

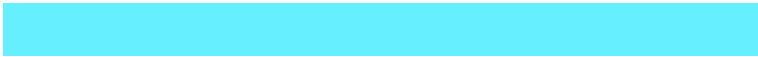
The Sweet Spot groups the original color and five complimentary colors.



7666FF



D6D1FF



66F0FF



666380



000000



808080

Same Dimension

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



7666FF



5B47FF



C266FF



747380



1400BF



070040

Inverse Universe

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



FF66EF



FF47EC



A3FF66



80737E



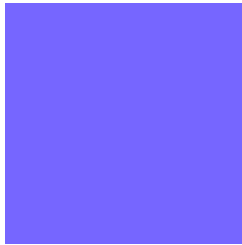
BF00AB



400039

Previews

White Background



This preview shows how the Hex color 7666FF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

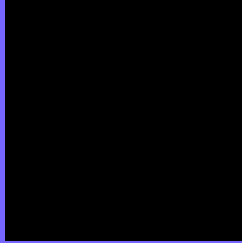
Any Text WCAG AA ✓ Pass

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 7666FF Background



This preview shows how black text looks on a background with the Hex color 7666FF.

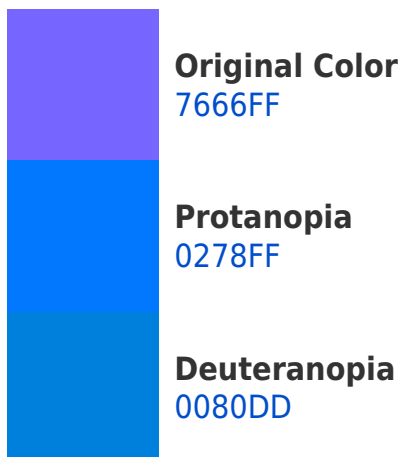


This preview shows how white text looks on a background with the Hex color 7666FF.

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](#).

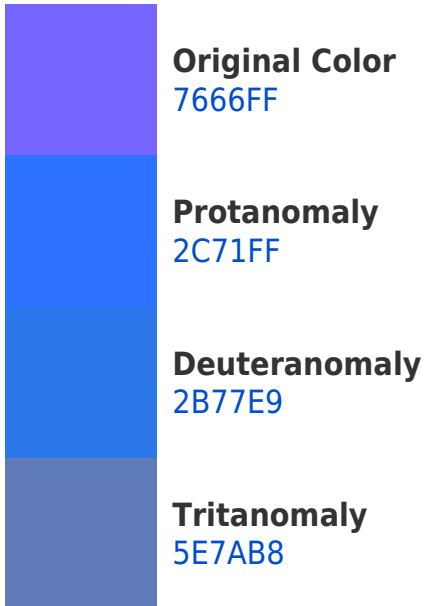
Dichromacy



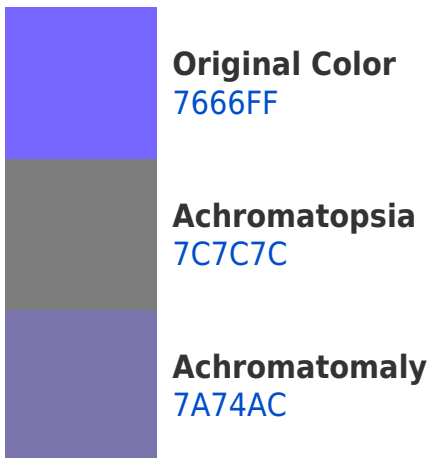


Tritanopia
508590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7666FF 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 #7666FF looks like.

```
.text, #text, p{  
    color:#7666FF  
}
```

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 #7666FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7666FF
}
```

Border

The CSS property to change the border of an element to Hex 7666FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

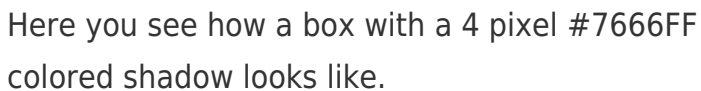
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7666FF }
```

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

```
.border{ border-color:#7666FF }
```

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



Here you see how a box with a 4 pixel #7666FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7666FF; -webkit-box-shadow:4px 4px  
4px 4px #7666FF; box-shadow:4px 4px 4px  
4px #7666FF }
```

Background

The CSS property to change the background color of an element to Hex 7666FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7666FF }
```

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

```
.background{ background-color:#7666FF }
```

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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