

# Converting Colors

Hex(7770F3)

Have a look what the booklet for  
Hex(7770F3) contains.

<b>Hex(7770F3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7770F3)

# Conversions

## Conversions Part 1

Format	Color
Hex	7770F3
RGB	119, 112, 243
RGB Percent	47%, 44%, 95%
CMY	0.5333, 0.5608, 0.0471
CMYK	0.51, 0.54, 0.00, 0.05
HSL	243°, 85%, 70%
HSV	243°, 54%, 95%
XYZ	29.5796, 21.9813, 87.4778
YIQ	129.0270, -37.8790, 42.2250

# Conversions

## Conversions Part 2

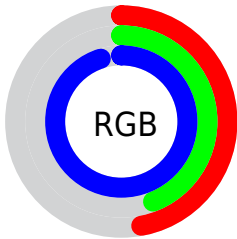
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 112, 243
Decimal	7827699
CIE <sub>Lab</sub>	54.01, 37.08, -65.22
CIE <sub>LCh</sub>	54, 75.028, 299.618
Yxy	21.9813, 0.2127, 0.1581
Android (android.graphics.Color)	4286017779 (0xFF7770F3)
YUV	129.0270, 56.1887, -8.7937
Hunter-Lab	46.8843, 30.5693, -77.8058

# Details

The Hex color **7770F3** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **ECF370**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B2A4FF**, and **3740BA** is the 20% darker color. If you saturate the color by 10%, you get **6058F3**, and if you desaturate by 10%, it is **8E88F3**.

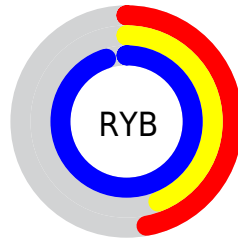
# Distribution



Red (47%)

Green (44%)

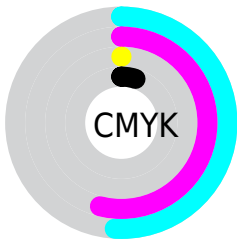
Blue (95%)



Red (47%)

Yellow (44%)

Blue (95%)

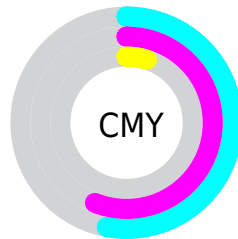


Cyan (51%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (53%)

Magenta (56%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7770F3 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 7770F3 by changing the saturation by 10% instead.



 7770F3

 7770F3

FFFFFF

 5957D6

 B2A4FF

 3740BA

 D0BFFF

 002A9E

 EEDBFF

 001583

 FFF8FF

 000069

 000250

 000538

 000222

 000008

■ 7770F3

■ 7770F3

■ 6058F3

■ 8E88F3

■ 493FF3

■ A5A1F3

■ 3227F3

■ BCB9F3

■ 1B0FF3

■ D3D1F3

■ 0D00F3

■ EAE9F3

■ FFFFF3

# Harmonies

## Analogous

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



008AFF



7770F3



CC4CC4

# Triad

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



7770F3



CE6300



009D7E

# Complementary

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



7770F3



ECF370

# 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.



00993A



7770F3



9D7E00

# Square

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



7770F3



EC4045



5C8F00



009DC0

# Rectangle

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



7770F3



E8359B



5C8F00



009C68



# Sweetspot

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



7770F3



D8D6FF



70ECF3



696780



000000



808080



# Same Dimension

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



7770F3



6259FF



B870F3



6F6E7A



0A00BA



03003B



# Inverse Universe

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



F370EC



FF59F6



ABF370



7A6E7A



BA00B0

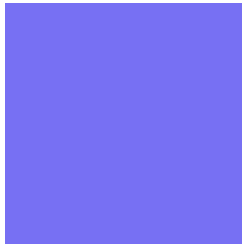


3B0038



# Previews

## White Background



This preview shows how the Hex color 7770F3 looks on a white background.

## Color Contrast Check

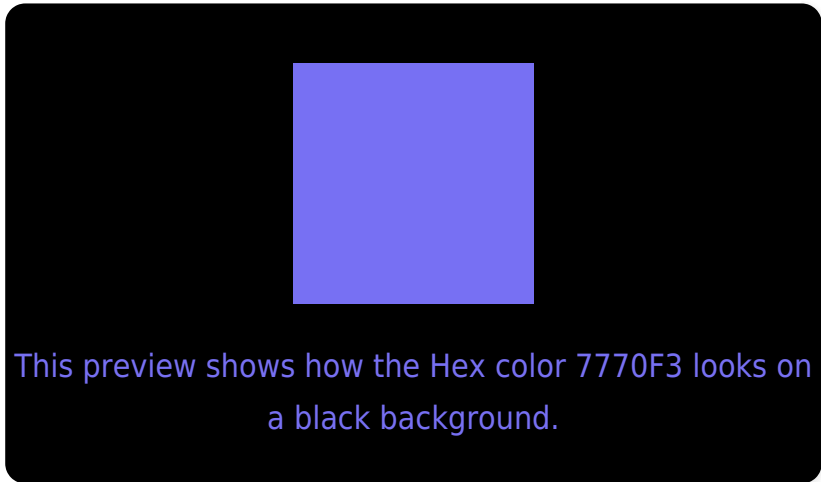
Large Text (above 18pt) WCAG AA ✓ Pass

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

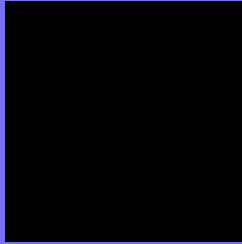
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7770F3 Background



This preview shows how black text looks on a background with the Hex color 7770F3.



This preview shows how white text looks on a background with the Hex color 7770F3.

# 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**  
598893

# Trichromacy



**Original Color**  
7770F3



**Protanomaly**  
4778FB



**Deuteranomaly**  
2B7CEB



**Tritanomaly**  
647FB6

# Monochromacy



**Original Color**  
7770F3



**Achromatopsia**  
818181



**Achromatomaly**  
7D7BAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7770F3 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 #7770F3 looks like.

```
.text, #text, p{  
    color:#7770F3  
}
```

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 #7770F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7770F3
}
```

## Border

The CSS property to change the border of an element to Hex 7770F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

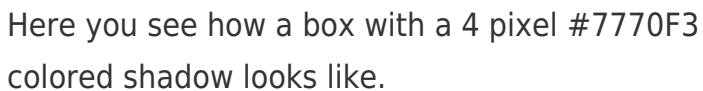
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7770F3 }
```

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

```
.border{ border-color:#7770F3 }
```

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



Here you see how a box with a 4 pixel `#7770F3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7770F3; -webkit-box-shadow:4px 4px  
4px 4px #7770F3; box-shadow:4px 4px 4px  
4px #7770F3 }
```

# Background

The CSS property to change the background color of an element to Hex 7770F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7770F3 }
```

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

```
.background{ background-color:#7770F3 }
```

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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