

# Converting Colors

Hex(7713F2)

Have a look what the booklet for  
Hex(7713F2) contains.

<b>Hex(7713F2)</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(7713F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7713F2
RGB	119, 19, 242
RGB Percent	47%, 7%, 95%
CMY	0.5333, 0.9255, 0.0510
CMYK	0.51, 0.92, 0.00, 0.05
HSL	267°, 90%, 51%
HSV	267°, 92%, 95%
XYZ	23.8676, 10.7985, 84.8308
YIQ	74.3220, -11.9830, 90.5530

# Conversions

## Conversions Part 2

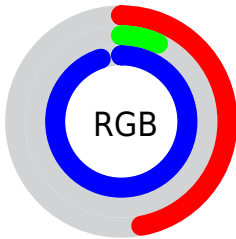
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 19, 242
Decimal	7803890
CIE Lab	39.24, 77.35, -88.79
CIE LCh	39, 117.758, 311.059
Yxy	10.7985, 0.1997, 0.0904
Android (android.graphics.Color)	4285993970 (0xFF7713F2)
YUV	74.3220, 82.6653, 39.1826
Hunter-Lab	32.8611, 72.1412, -130.0543

# Details

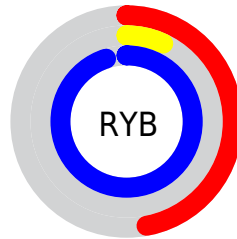
The Hex color **7713F2** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **8EF213**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B656FF**, and **2D00B8** is the 20% darker color. If you saturate the color by 10%, you get **6D00F2**, and if you desaturate by 10%, it is **842BF2**.

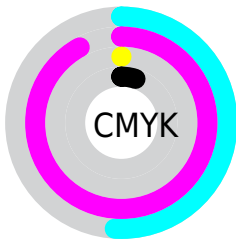
# Distribution



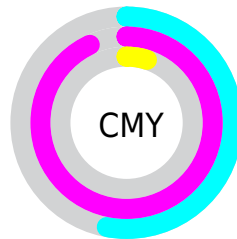
- Red (47%)
- Green (7%)
- Blue (95%)



- Red (47%)
- Yellow (7%)
- Blue (95%)



- Cyan (51%)
- Magenta (92%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (93%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7713F2 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 7713F2 by changing the saturation by 10% instead.



 7713F2

 7713F2

FFFFFF

 5500D5

 B656FF

 2D00B8

 D573FF

 00009C

 F58FFF

 000081


 FFABFF

 000067

 FFC8FF

 000A4E

 FFE6FF

 000536

 000220

 000003

■ 7713F2

■ 7713F2

■ 6D00F2

■ 842BF2

■ 9243F2

■ 9F5CF2

■ AC74F2

■ BA8CF2

■ C7A4F2

■ D4BCF2

■ E2D5F2

■ EFEDF2

# Harmonies

## Analogous

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



0063FF



7713F2



DD009D

# Triad

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



7713F2



A03D00



007B80

# Complementary

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



7713F2



8EF213

# 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.



007811



7713F2



506500

# Square

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



7713F2



D90000



007300



007EDC

# Rectangle

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



7713F2



F2005E



007300



007A5E



# Sweetspot

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



7713F2



D8B8FF



1391F2



685480



000000



808080



# Same Dimension

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



7713F2



7200FF



E313F2



716C78



5200B8



190038



# Inverse Universe

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



F2138E



FF008D



22F213



786C72



B80065

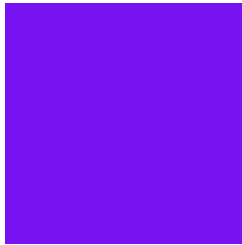


38001F



# Previews

## White Background



This preview shows how the Hex color 7713F2 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

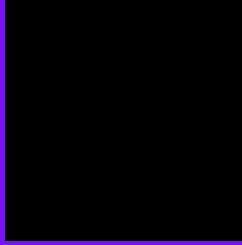
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7713F2 Background



This preview shows how black text looks on a background with the Hex color 7713F2.

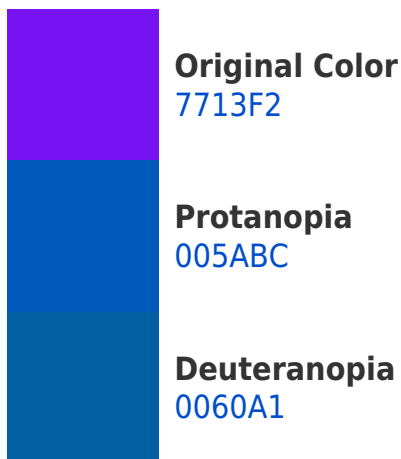


This preview shows how white text looks on a background with the Hex color 7713F2.

# 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**  
4F5F67

# Trichromacy



**Original Color**  
7713F2

**Protanomaly**  
2B40D0

**Deuteranomaly**  
2B44BE

**Tritanomaly**  
5E439A

# Monochromacy



**Original Color**  
7713F2

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5A3687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7713F2 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 #7713F2 looks like.

```
.text, #text, p{  
    color:#7713F2  
}
```

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 #7713F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7713F2
}
```

## Border

The CSS property to change the border of an element to Hex 7713F2 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
#7713F2 }
```

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

```
.border{ border-color:#7713F2 }
```

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

Here you see how a box with a 4 pixel #7713F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7713F2; -webkit-box-shadow:4px 4px  
4px 4px #7713F2; box-shadow:4px 4px 4px  
4px #7713F2 }
```

# Background

The CSS property to change the background color of an element to Hex 7713F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7713F2 }
```

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

```
.background{ background-color:#7713F2 }
```

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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