

Converting Colors

Hex(7700FC)

Have a look what the booklet for
Hex(7700FC) contains.

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Color

Hex(7700FC)

Conversions

Conversions Part 1

Format	Color
Hex	7700FC
RGB	119, 0, 252
RGB Percent	47%, 0%, 99%
CMY	0.5333, 1.0000, 0.0118
CMYK	0.53, 1.00, 0.00, 0.01
HSL	268°, 100%, 49%
HSV	268°, 100%, 99%
XYZ	25.1784, 10.9502, 92.8820
YIQ	64.3090, -9.9680, 103.6000

Conversions

Conversions Part 2

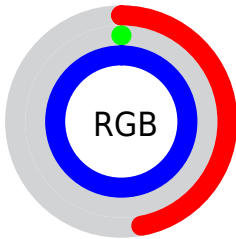
Format	Color
R_{YB}	119, 0, 252
Decimal	7799036
CIE Lab	39.50, 81.91, -94.00
CIE LCh	39, 124.678, 311.070
Yxy	10.9502, 0.1952, 0.0849
Android (android.graphics.Color)	4285989116 (0xFF7700FC)
YUV	64.3090, 92.5317, 47.9640
Hunter-Lab	33.0911, 77.9080, -143.2548

Details

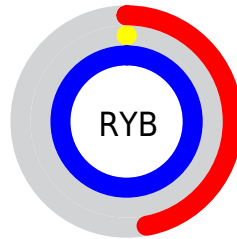
The Hex color **7700FC** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **85FC00**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B851FF**, and **2900C2** is the 20% darker color. If you saturate the color by 10%, you get **7700FC**, and if you desaturate by 10%, it is **8419FC**.

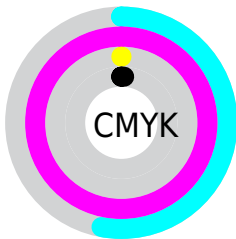
Distribution



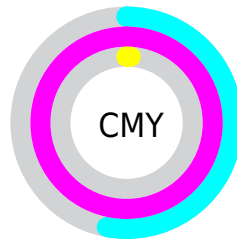
- Red (47%)
- Green (0%)
- Blue (99%)



- Red (47%)
- Yellow (0%)
- Blue (99%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (53%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7700FC 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 7700FC by changing the saturation by 10% instead.

 7700FC

 7700FC

FFFFFF

 5400DF

 B851FF

 2900C2

 D76EFF

 0000A5

 F78BFF

 00008A

 FFA8FF

 00006F


 FFC5FF

 000C56

 FFE2FF

 00063D

 000327

 000110

 7700FC

 8419FC

 9232FC

 9F4CFC

 AC65FC

 BA7EFC

 C797FC

 D4B0FC

 E1CAFC

 EFE3FC

Harmonies

Analogous

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



0065FF



7700FC



E500A2

Triad

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



7700FC



A43B00



007D82

Complementary

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



7700FC



85FC00

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.



007A09



7700FC



4F6600

Square

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



7700FC



E00000



007500



0080E5

Rectangle

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



7700FC



FB005F



007500



007B5F

Sweetspot

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



7700FC



D7B3FF



0086FC



675280



000000



808080

Same Dimension

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



7700FC



7800FF



F400FC



76707D



5900BD



1D003D

Inverse Universe

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



FC0085



FF0087



08FC00



7D7077



BD0064



3D0020

Previews

White Background



This preview shows how the Hex color 7700FC looks on a white background.

Color Contrast Check

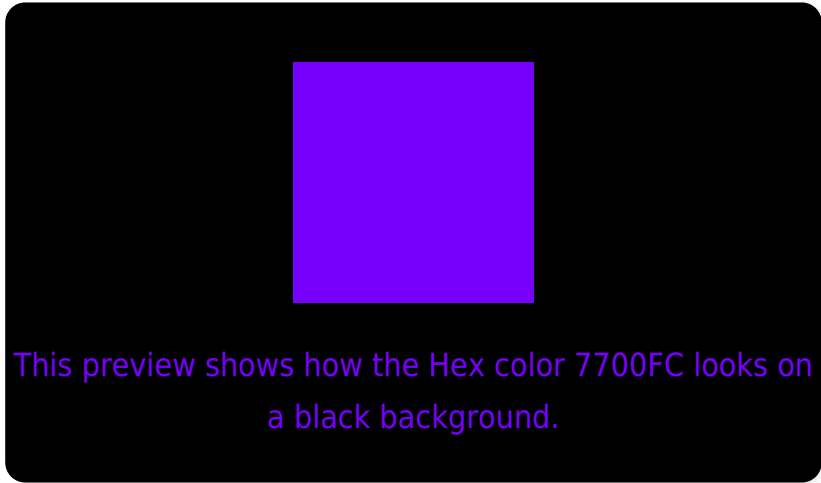
Large Text (above 18pt) WCAG AA ✓ Pass

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

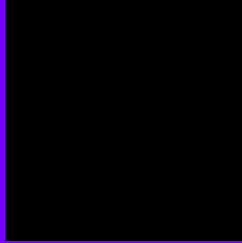
Any Text WCAG AA × Fail

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 7700FC Background



This preview shows how black text looks on a background with the Hex color 7700FC.

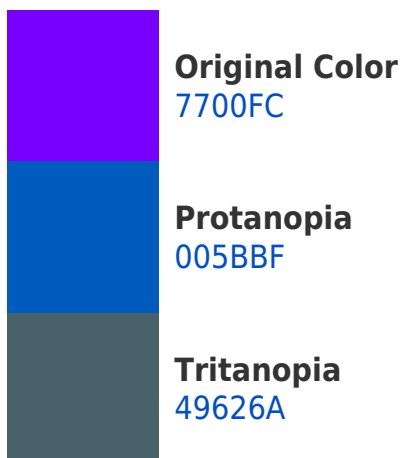


This preview shows how white text looks on a background with the Hex color 7700FC.

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



Trichromacy



Original Color
7700FC

Protanomaly
2B3AD5

Tritanomaly
5A3E9F

Monochromacy



Original Color
7700FC

Achromatopsia
404040

Achromatomaly
542984

CSS Examples

Text

The CSS property to change the color of the text to Hex 7700FC 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 #7700FC looks like.

```
.text, #text, p{  
    color:#7700FC  
}
```

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 #7700FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7700FC
}
```

Border

The CSS property to change the border of an element to Hex 7700FC 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".

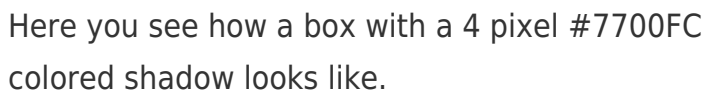
```
.border, #border, table{ border:4px solid
#7700FC }
```

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

```
.border{ border-color:#7700FC }
```

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

Here you see how a box with a 4 pixel #7700FC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7700FC; -webkit-box-shadow:4px 4px  
4px 4px #7700FC; box-shadow:4px 4px 4px  
4px #7700FC }
```

Background

The CSS property to change the background color of an element to Hex 7700FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7700FC }
```

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

```
.background{ background-color:#7700FC }
```

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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