

Converting Colors

Hex(7700F4)

Have a look what the booklet for
Hex(7700F4) contains.

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Color

Hex(7700F4)

Conversions

Conversions Part 1

Format	Color
Hex	7700F4
RGB	119, 0, 244
RGB Percent	47%, 0%, 96%
CMY	0.5333, 1.0000, 0.0431
CMYK	0.51, 1.00, 0.00, 0.04
HSL	269°, 100%, 48%
HSV	269°, 100%, 96%
XYZ	23.9369, 10.4536, 86.3441
YIQ	63.3970, -7.4000, 101.1120

Conversions

Conversions Part 2

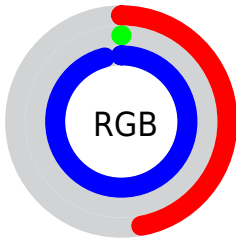
Format	Color
RYB	119, 0, 244
Decimal	7799028
CIELab	38.64, 80.22, -90.91
CIELCh	39, 121.237, 311.425
Yxy	10.4536, 0.1983, 0.0866
Android (android.graphics.Color)	4285989108 (0xFF7700F4)
YUV	63.3970, 89.0373, 48.7638
Hunter-Lab	32.3320, 75.5708, -135.7042

Details

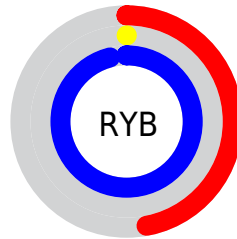
The Hex color **7700F4** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **7DF400**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B750FF**, and **2C00BA** is the 20% darker color. If you saturate the color by 10%, you get **7700F4**, and if you desaturate by 10%, it is **8318F4**.

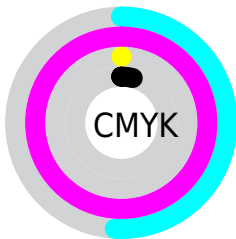
Distribution



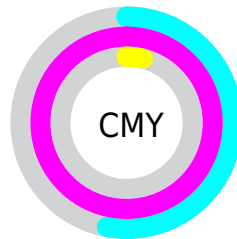
- Red (47%)
- Green (0%)
- Blue (96%)



- Red (47%)
- Yellow (0%)
- Blue (96%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7700F4 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 7700F4 by changing the saturation by 10% instead.

 7700F4

 7700F4

FFFFFF

 5500D7

 B750FF

 2C00BA

 D66DFF

 00009E

 F68AFF

 000083

 FFA7FF

 000068

 FFC4FF

 000A4F

 FFE1FF

 000537

 000221

 000006

 7700F4

 8318F4

 9031F4

 9C49F4

 A962F4

 B57AF4

 C292F4

 CEABF4

 DBC3F4

 E8DCF4

Harmonies

Analogous

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



0062FF



7700F4



DF009C

Triad

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



7700F4



9F3B00



007A80

Complementary

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



7700F4



7DF400

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.



00770D



7700F4



4C6400

Square

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



7700F4



D90000



007200



007DE0

Rectangle

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



7700F4



F4005C



007200



00795E

Sweetspot

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



7700F4



D8B3FF



007EF4



685280



000000



808080

Same Dimension

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



7700F4



7C00FF



F000F4



746E7A



5B00BA



1D003B

Inverse Universe

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



F4007D



FF0083



04F400



7A6E74



BA005F



3B001E

Previews

White Background



This preview shows how the Hex color 7700F4 looks on a white background.

Color Contrast Check

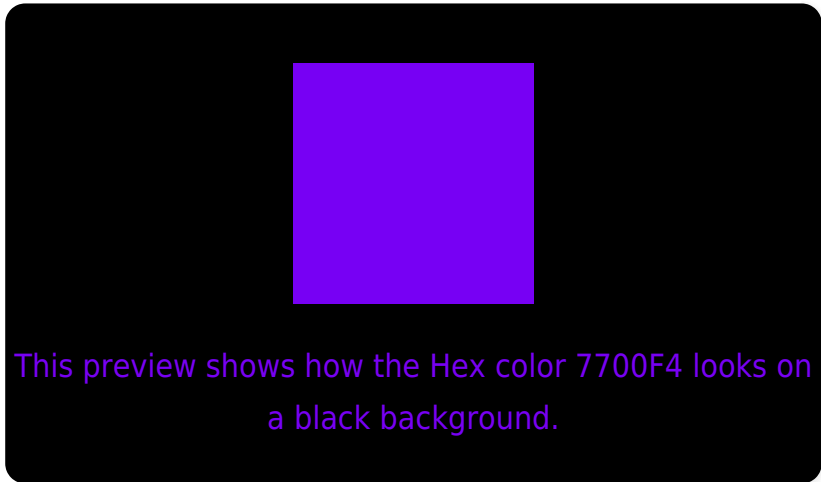
Large Text (above 18pt) WCAG AA ✓ Pass

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

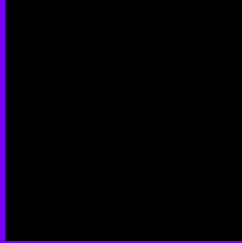
Any Text WCAG AA × Fail

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 7700F4 Background



This preview shows how black text looks on a background with the Hex color 7700F4.



This preview shows how white text looks on a background with the Hex color 7700F4.

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



Original Color
7700F4

Protanopia
0059BB

Deuteranopia
005FA0



Tritanopia
4D5F67

Trichromacy



Original Color

7700F4



Protanomaly

2B39D0



Deuteranomaly

2B3CBF



Tritanomaly

5C3C9A

Monochromacy



Original Color

7700F4



Achromatopsia

3F3F3F



Achromatomaly

532881

CSS Examples

Text

The CSS property to change the color of the text to Hex 7700F4 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 #7700F4 looks like.

```
.text, #text, p{  
    color:#7700F4  
}
```

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 #7700F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7700F4  
}
```

Border

The CSS property to change the border of an element to Hex 7700F4 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".

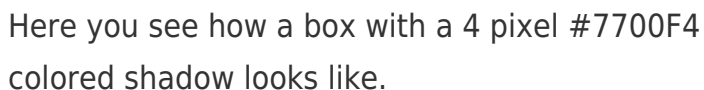
```
.border, #border, table{ border:4px solid  
#7700F4 }
```

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

```
.border{ border-color:#7700F4 }
```

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

Here you see how a box with a 4 pixel #7700F4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7700F4; -webkit-box-shadow:4px 4px  
4px 4px #7700F4; box-shadow:4px 4px 4px  
4px #7700F4 }
```

Background

The CSS property to change the background color of an element to Hex 7700F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7700F4 }
```

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

```
.background{ background-color:#7700F4 }
```

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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