

Converting Colors

Hex(7766F8)

Have a look what the booklet for
Hex(7766F8) contains.

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Color

Hex(7766F8)

Conversions

Conversions Part 1

Format	Color
Hex	7766F8
RGB	119, 102, 248
RGB Percent	47%, 40%, 97%
CMY	0.5333, 0.6000, 0.0275
CMYK	0.52, 0.59, 0.00, 0.03
HSL	247°, 91%, 69%
HSV	247°, 59%, 97%
XYZ	29.3024, 20.2020, 91.1619
YIQ	123.7270, -36.7340, 49.0100

Conversions

Conversions Part 2

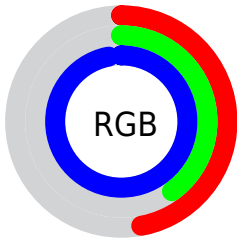
Format	Color
R _Y B	119, 102, 248
Decimal	7825144
CIE Lab	52.06, 44.39, -71.15
CIE LCh	52, 83.860, 301.960
Yxy	20.2020, 0.2083, 0.1436
Android (android.graphics.Color)	4286015224 (0xFF7766F8)
YUV	123.7270, 61.2666, -4.1456
Hunter-Lab	44.9466, 37.7143, -88.7909

Details

The Hex color **7766F8** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E7F866**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B39AFF**, and **3536BE** is the 20% darker color. If you saturate the color by 10%, you get **614DF8**, and if you desaturate by 10%, it is **8D7FF8**.

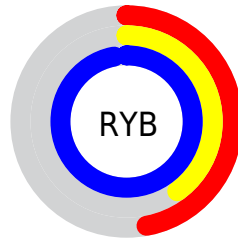
Distribution



Red (47%)

Green (40%)

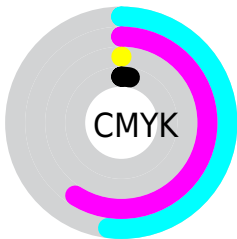
Blue (97%)



Red (47%)

Yellow (40%)

Blue (97%)

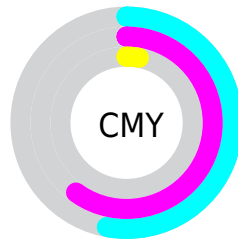


Cyan (52%)

Magenta (59%)

Yellow (0%)

Black (3%)



Cyan (53%)

Magenta (60%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7766F8 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 7766F8 by changing the saturation by 10% instead.

 7766F8

 7766F8

FFFFFF

 584DDB

 B39AFF

 3536BE

 D2B5FF

 001FA3

 F0D1FF

 000A88

 FFEDFF

 00006D

 000454

 00063C

 000225

 00010E

■ 7766F8

■ 7766F8

■ 614DF8

■ 8D7FF8

■ 4B34F8

■ A398F8

■ 351CF8

■ B9B0F8

■ 1F03F8

■ CFC9F8

■ 1D00F8

■ E5E2F8

■ FAFBF8

■ FFFFF8

Harmonies

Analogous

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



0085FF



7766F8



D335C1

Triad

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



7766F8



CA5C00



009A7F

Complementary

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



7766F8



E7F866

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.



009632



7766F8



937B00

Square

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



7766F8



EE2B35



478D00



009AC7

Rectangle

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



7766F8



EE0093



478D00



009966

Sweetspot

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



7766F8



D6D1FF



66E9F8



676380



000000



808080

Same Dimension

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



7766F8



5F4AFF



BE66F8



72707D



1600BD



07003D

Inverse Universe

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



F866E7



FF4AEA



A0F866



7D707B



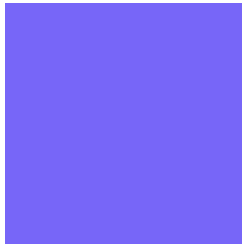
BD00A7



3D0036

Previews

White Background



This preview shows how the Hex color 7766F8 looks on a white background.

Color Contrast Check

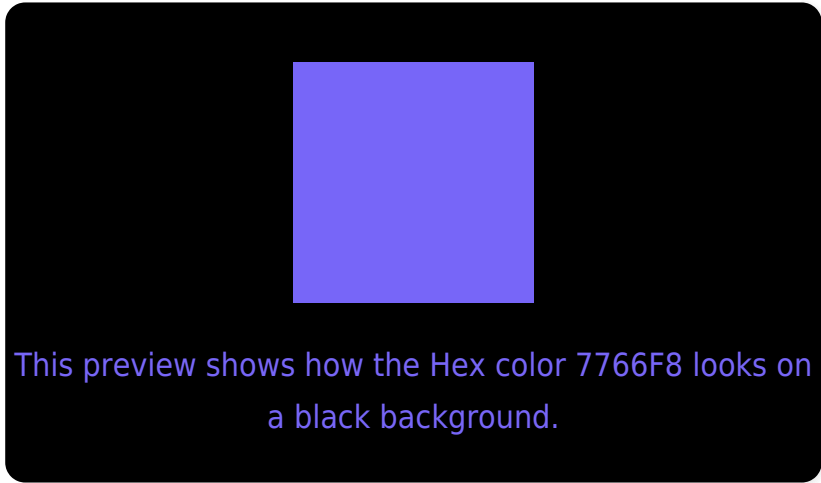
Large Text (above 18pt) WCAG AA ✓ Pass

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

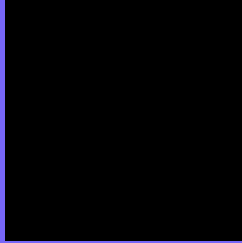
Any Text WCAG AA ✓ Pass

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 7766F8 Background



This preview shows how black text looks on a background with the Hex color 7766F8.



This preview shows how white text looks on a background with the Hex color 7766F8.

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](#).

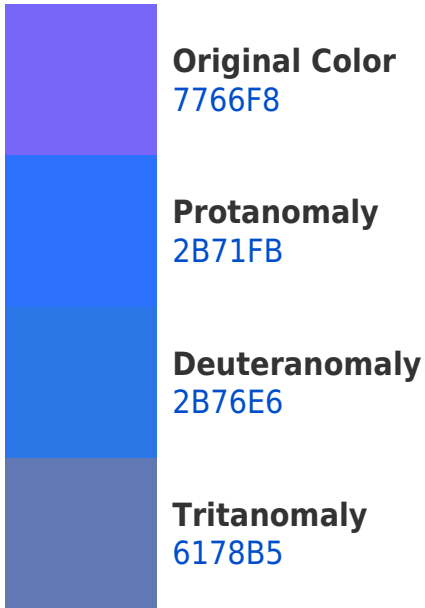
Dichromacy



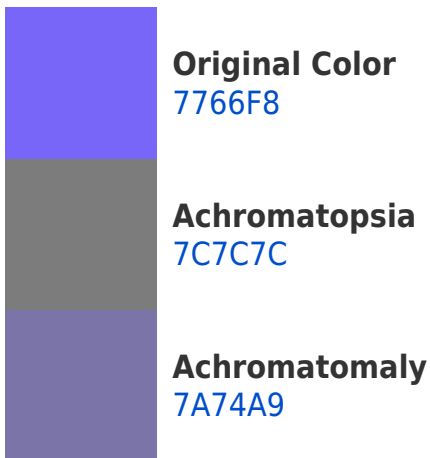


Tritanopia
55838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7766F8 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 #7766F8 looks like.

```
.text, #text, p{  
    color:#7766F8  
}
```

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 #7766F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7766F8  
}
```

Border

The CSS property to change the border of an element to Hex 7766F8 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  
#7766F8 }
```

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

```
.border{ border-color:#7766F8 }
```

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

Here you see how a box with a 4 pixel #7766F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7766F8; -webkit-box-shadow:4px 4px  
4px 4px #7766F8; box-shadow:4px 4px 4px  
4px #7766F8 }
```

Background

The CSS property to change the background color of an element to Hex 7766F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7766F8 }
```

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

```
.background{ background-color:#7766F8 }
```

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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