

Converting Colors

Hex(7735EF)

Have a look what the booklet for
Hex(7735EF) contains.

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Color

Hex(7735EF)

Conversions

Conversions Part 1

Format	Color
Hex	7735EF
RGB	119, 53, 239
RGB Percent	47%, 21%, 94%
CMY	0.5333, 0.7922, 0.0627
CMYK	0.50, 0.78, 0.00, 0.06
HSL	261°, 85%, 57%
HSV	261°, 78%, 94%
XYZ	24.4608, 12.7001, 82.8235
YIQ	93.9380, -20.3700, 71.8380

Conversions

Conversions Part 2

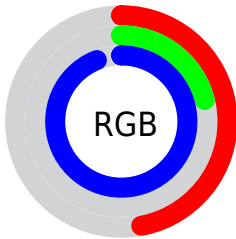
Format	Color
R _{YB}	119, 53, 239
Decimal	7812591
CIE _{Lab}	42.31, 66.71, -82.04
CIE _{LCh}	42, 105.739, 309.117
Yxy	12.7001, 0.2039, 0.1058
Android (android.graphics.Color)	4286002671 (0xFF7735EF)
YUV	93.9380, 71.5156, 21.9794
Hunter-Lab	35.6373, 60.1543, -112.8481

Details

The Hex color **7735EF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **ADEF35**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B56BFF**, and **3100B6** is the 20% darker color. If you saturate the color by 10%, you get **681DEF**, and if you desaturate by 10%, it is **864DEF**.

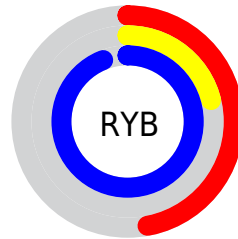
Distribution



Red (47%)

Green (21%)

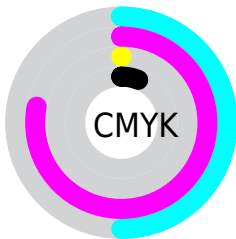
Blue (94%)



Red (47%)

Yellow (21%)

Blue (94%)

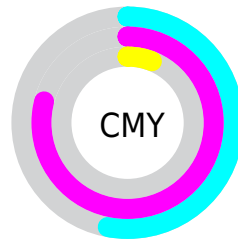


Cyan (50%)

Magenta (78%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (79%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7735EF 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 7735EF by changing the saturation by 10% instead.

 7735EF

 7735EF

FFFFFF

 5716D2

 B56BFF

 3100B6

 D487FF

 00009A

 F2A2FF

 00007F

 FFBEFF

 000065

 FFDBFF

 00094B

 FFF8FF

 000434

 00021E

 000000

 7735EF

 7735EF

 681DEF

 864DEF

 5805EF

 9665EF

 5500EF

 A57DEF

 B595EF

 C4ADEF

 D4C4EF

 E3DCEF

 F2F4EF

 FFFFEF

Harmonies

Analogous

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



006AFF



7735EF



D800A4

Triad

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



7735EF



AA4500



00827E

Complementary

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



7735EF



ADEF35

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.



007F1C



7735EF



626A00

Square

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



7735EF



DC0000



007900



0084D3

Rectangle

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



7735EF



EE006B



007900



00815F

Sweetspot

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



7735EF



D9C4FF



35AEEF



685C80



000000



808080

Same Dimension

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



7735EF



6612FF



D335EF



706C78



4100B8



140038

Inverse Universe

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



EF35AD



FF12AB



51EF35



786C74



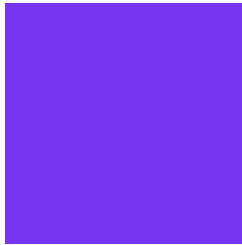
B80076



380024

Previews

White Background



This preview shows how the Hex color 7735EF 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

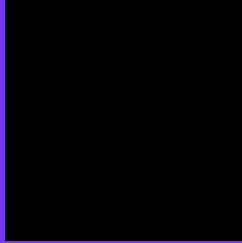
Any Text WCAG AA × Fail

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 7735EF Background



This preview shows how black text looks on a background with the Hex color 7735EF.

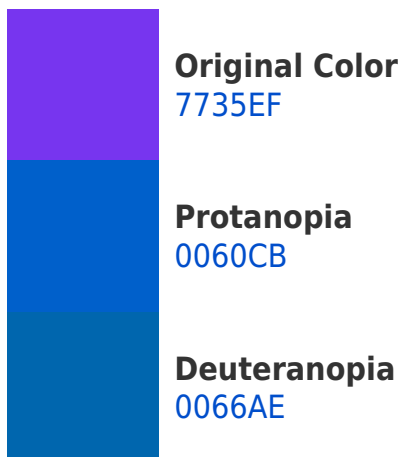



This preview shows how white text looks on a background with the Hex color 7735EF.

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
52676F

Trichromacy



Original Color

7735EF



Protanomaly

2B50D8



Deuteranomaly

2B54C6



Tritanomaly

5F559E

Monochromacy



Original Color

7735EF



Achromatopsia

5E5E5E



Achromatomaly

674F93

CSS Examples

Text

The CSS property to change the color of the text to Hex 7735EF 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 #7735EF looks like.

```
.text, #text, p{  
    color:#7735EF  
}
```

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 #7735EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7735EF
}
```

Border

The CSS property to change the border of an element to Hex 7735EF 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".

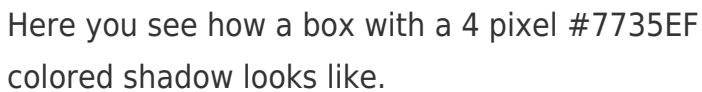
```
.border, #border, table{ border:4px solid
#7735EF }
```

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

```
.border{ border-color:#7735EF }
```

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

Here you see how a box with a 4 pixel #7735EF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7735EF; -webkit-box-shadow:4px 4px  
4px 4px #7735EF; box-shadow:4px 4px 4px  
4px #7735EF }
```

Background

The CSS property to change the background color of an element to Hex 7735EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7735EF }
```

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

```
.background{ background-color:#7735EF }
```

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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