

Converting Colors

Hex(7743EF)

Have a look what the booklet for
Hex(7743EF) contains.

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Color

Hex(7743EF)

Conversions

Conversions Part 1

Format	Color
Hex	7743EF
RGB	119, 67, 239
RGB Percent	47%, 26%, 94%
CMY	0.5333, 0.7373, 0.0627
CMYK	0.50, 0.72, 0.00, 0.06
HSL	258°, 84%, 60%
HSV	258°, 72%, 94%
XYZ	25.1949, 14.1682, 83.0682
YIQ	102.1560, -24.2200, 64.5160

Conversions

Conversions Part 2

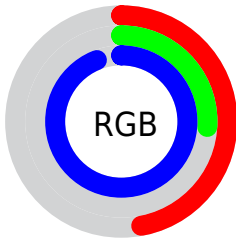
Format	Color
R_{YB}	119, 67, 239
Decimal	7816175
CIE Lab	44.47, 60.53, -78.48
CIE LCh	44, 99.114, 307.640
Yxy	14.1682, 0.2058, 0.1157
Android (android.graphics.Color)	4286006255 (0xFF7743EF)
YUV	102.1560, 67.4641, 14.7722
Hunter-Lab	37.6407, 53.6080, -104.4968

Details

The Hex color **7743EF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **BBEF43**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B477FF**, and **3308B6** is the 20% darker color. If you saturate the color by 10%, you get **662BEF**, and if you desaturate by 10%, it is **885BEF**.

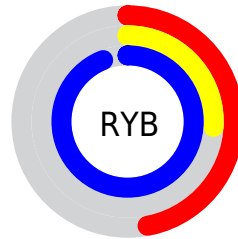
Distribution



Red (47%)

Green (26%)

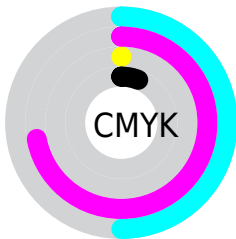
Blue (94%)



Red (47%)

Yellow (26%)

Blue (94%)

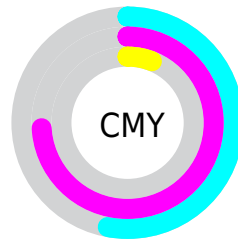


Cyan (50%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (53%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7743EF 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 7743EF by changing the saturation by 10% instead.

 7743EF

 7743EF

FFFFFF

 5729D2

 B477FF

 3308B6

 D392FF

 00009A

 F1AEFF

 00007F

 FFCAFF

 000065

 FFE7FF

 00094C

 000434

 00021E

 000000

 7743EF

 7743EF

 662BEF

 885BEF

 5613EF

 9873EF

 4800EF

 A98BEF

 BAA3EF

 CABAEF

 DBD2EF

 ECEAEF

 FCFFEF

 FFFFEF

Harmonies

Analogous

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



0070FF



7743EF



D500AA

Triad

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



7743EF



B04B00



00877D

Complementary

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



7743EF



BBEF43

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.



008421



7743EF



6E6D00

Square

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



7743EF



DF0000



007D00



0088CE

Rectangle

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



7743EF



EC0074



007D00



008760

Sweetspot

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



7743EF



D8C7FF



43BBEF



685E80



000000



808080

Same Dimension

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



7743EF



6624FF



CD43EF



6F6C78



3800B8



110038

Inverse Universe

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



EF43BB



FF24BD



65EF43



786C74



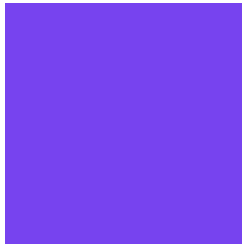
B80080



380027

Previews

White Background



This preview shows how the Hex color 7743EF looks on a white background.

Color Contrast Check

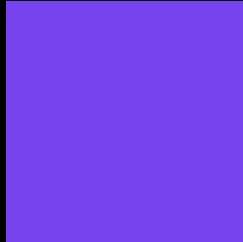
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7743EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

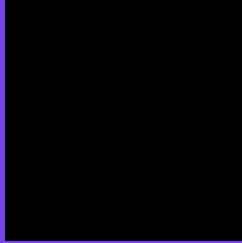
Any Text WCAG AA × Fail

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 7743EF Background



This preview shows how black text looks on a background with the Hex color 7743EF.

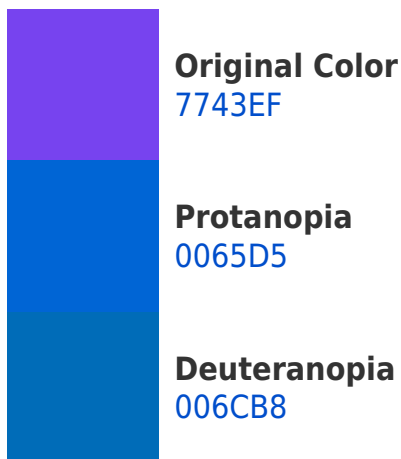



This preview shows how white text looks on a background with the Hex color 7743EF.

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](#).

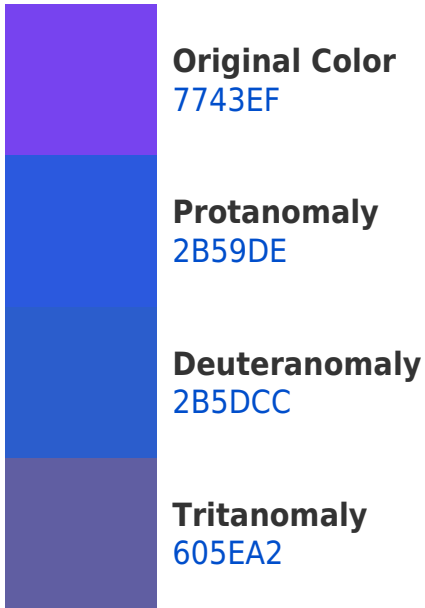
Dichromacy





Tritanopia
536D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7743EF 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 #7743EF looks like.

```
.text, #text, p{  
    color:#7743EF  
}
```

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 #7743EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7743EF
}
```

Border

The CSS property to change the border of an element to Hex 7743EF 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
#7743EF }
```

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

```
.border{ border-color:#7743EF }
```

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

Here you see how a box with a 4 pixel #7743EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7743EF; -webkit-box-shadow:4px 4px  
4px 4px #7743EF; box-shadow:4px 4px 4px  
4px #7743EF }
```

Background

The CSS property to change the background color of an element to Hex 7743EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7743EF }
```

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

```
.background{ background-color:#7743EF }
```

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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