

Converting Colors

Hex(7772EB)

Have a look what the booklet for
Hex(7772EB) contains.

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Color

Hex(7772EB)

Conversions

Conversions Part 1

Format	Color
Hex	7772EB
RGB	119, 114, 235
RGB Percent	47%, 45%, 92%
CMY	0.5333, 0.5529, 0.0784
CMYK	0.49, 0.51, 0.00, 0.08
HSL	242°, 75%, 68%
HSV	242°, 51%, 92%
XYZ	28.6205, 21.9547, 81.3265
YIQ	129.2890, -35.8610, 38.6910

Conversions

Conversions Part 2

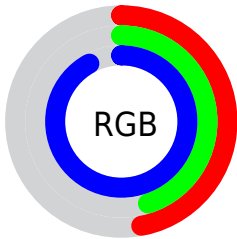
Format	Color
RYB	119, 114, 235
Decimal	7828203
CIELab	53.98, 33.50, -60.81
CIELCh	54, 69.426, 298.850
Yxy	21.9547, 0.2170, 0.1664
Android (android.graphics.Color)	4286018283 (0xFF7772EB)
YUV	129.2890, 52.1155, -9.0235
Hunter-Lab	46.8559, 27.0334, -70.1090

Details

The Hex color **7772EB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E6EB72**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B1A6FF**, and **3A42B2** is the 20% darker color. If you saturate the color by 10%, you get **605BEB**, and if you desaturate by 10%, it is **8E8AEB**.

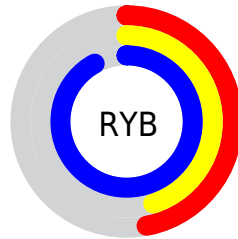
Distribution



Red (47%)

Green (45%)

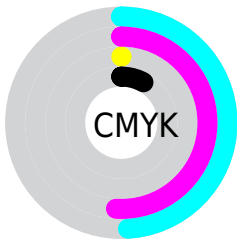
Blue (92%)



Red (47%)

Yellow (45%)

Blue (92%)

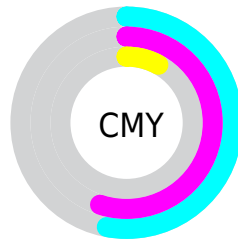


Cyan (49%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (55%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7772EB 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 7772EB by changing the saturation by 10% instead.

 7772EB

 7772EB

FFFFFF

 5959CE

 B1A6FF

 3A42B2

 CFC1FF

 0C2C97


 EDDDFE

 00177C

 FFFAFF

 000263

 00034A

 000432

 00021C

 000000

■ 7772EB

■ 7772EB

■ 605BEB

■ 8E8AEB

■ 4A43EB

■ A4A1EB

■ 332CEB

■ BBB9EB

■ 1D14EB

■ D1D0EB

■ 0A00EB

■ E8E8EB

■ FEFFEB

■ FFFFEB

Harmonies

Analogous

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



0089FA



7772EB



C653C0

Triad

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



7772EB



CB650E



009B7D

Complementary

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



7772EB



E6EB72

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.



00973E



7772EB



9D7E00

Square

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



7772EB



E6484B



628E00



009BBA

Rectangle

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



7772EB



E0419A



628E00



009A68

Sweetspot

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



7772EB



DAD9FF



72E7EB



696980



000000



808080

Same Dimension

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



7772EB



6761FF



B372EB



6A6A75



0700B5



020036

Inverse Universe

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



EB72E6



FF61F8



AAEB72



756A75



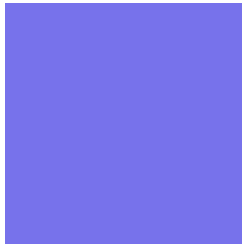
B500AE



360033

Previews

White Background



This preview shows how the Hex color 7772EB looks on a white background.

Color Contrast Check

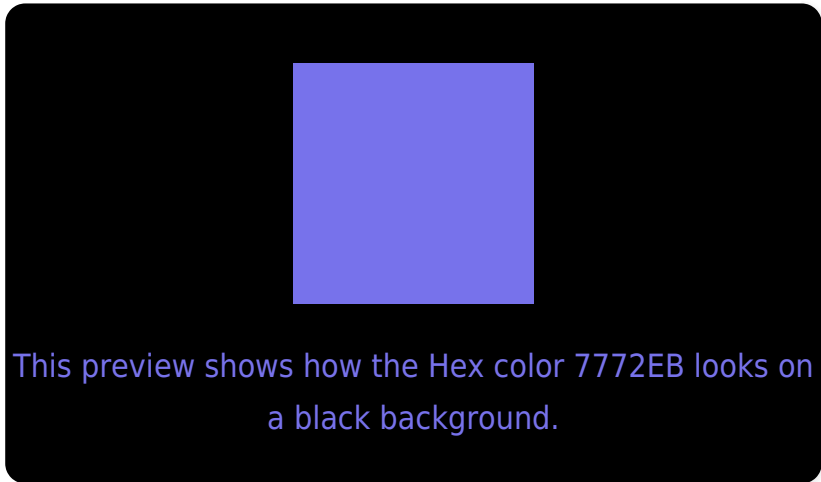
Large Text (above 18pt) WCAG AA ✓ Pass

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

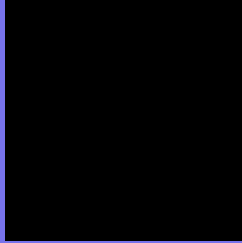
Any Text WCAG AA ✓ Pass

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 7772EB Background



This preview shows how black text looks on a background with the Hex color 7772EB.

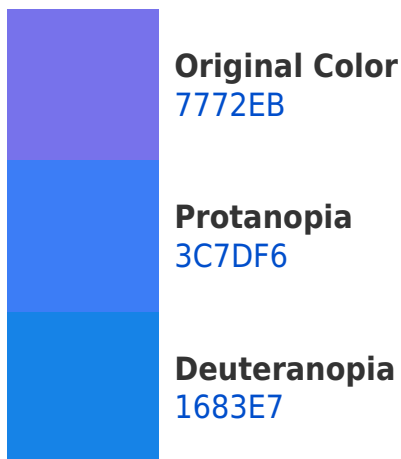


This preview shows how white text looks on a background with the Hex color 7772EB.

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](#).

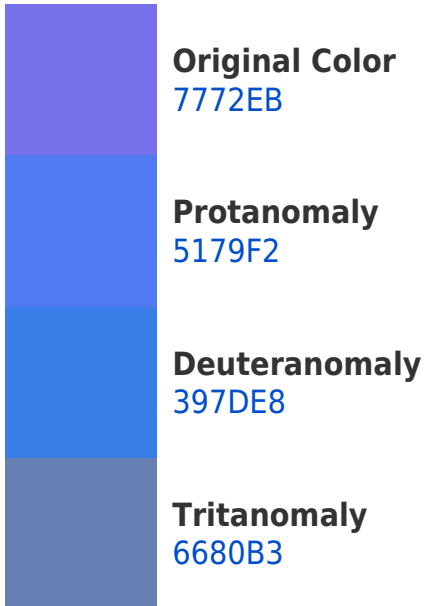
Dichromacy



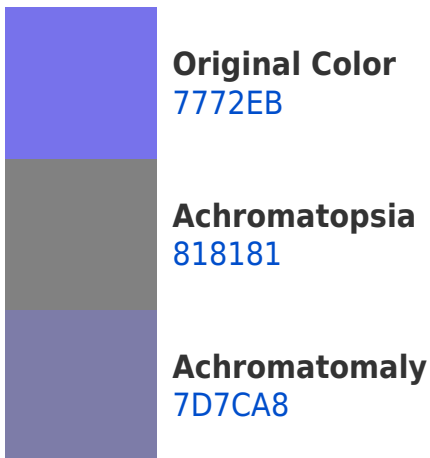


Tritanopia
5C8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7772EB 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 #7772EB looks like.

```
.text, #text, p{  
    color:#7772EB  
}
```

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 #7772EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7772EB
}
```

Border

The CSS property to change the border of an element to Hex 7772EB 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
#7772EB }
```

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

```
.border{ border-color:#7772EB }
```

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

Here you see how a box with a 4 pixel #7772EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7772EB; -webkit-box-shadow:4px 4px  
4px 4px #7772EB; box-shadow:4px 4px 4px  
4px #7772EB }
```

Background

The CSS property to change the background color of an element to Hex 7772EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7772EB }
```

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

```
.background{ background-color:#7772EB }
```

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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