

Converting Colors

Hex(7678EB)

Have a look what the booklet for
Hex(7678EB) contains.

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Color

Hex(7678EB)

Conversions

Conversions Part 1

Format	Color
Hex	7678EB
RGB	118, 120, 235
RGB Percent	46%, 47%, 92%
CMY	0.5373, 0.5294, 0.0784
CMYK	0.50, 0.49, 0.00, 0.08
HSL	239°, 75%, 69%
HSV	239°, 50%, 92%
XYZ	29.1831, 23.2827, 81.5531
YIQ	132.5120, -38.1070, 35.3410

Conversions

Conversions Part 2

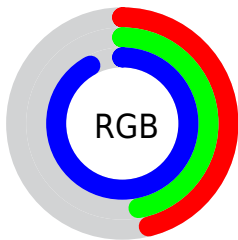
Format	Color
R _Y B	118, 120, 235
Decimal	7764203
CIE Lab	55.36, 29.72, -58.59
CIE LCh	55, 65.698, 296.894
Yxy	23.2827, 0.2178, 0.1737
Android (android.graphics.Color)	4285954283 (0xFF7678EB)
YUV	132.5120, 50.5266, -12.7270
Hunter-Lab	48.2521, 23.5164, -66.4324

Details

The Hex color **7678EB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EBE976**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B0ACFF**, and **3948B2** is the 20% darker color. If you saturate the color by 10%, you get **5F61EB**, and if you desaturate by 10%, it is **8E8FEB**.

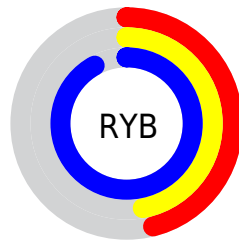
Distribution



Red (46%)

Green (47%)

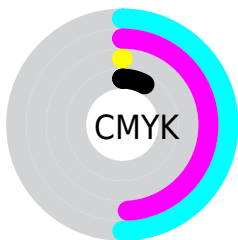
Blue (92%)



Red (46%)

Yellow (47%)

Blue (92%)

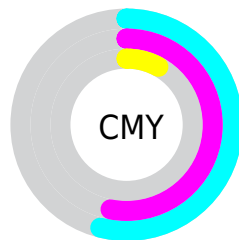


Cyan (50%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7678EB 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 7678EB by changing the saturation by 10% instead.

■ 7678EB

■ 7678EB

FFFFFF

■ 585FCE

■ B0ACFF

■ 3948B2

■ CEC8FF

■ 0B3197

■ ECE4FF

■ 001D7D

■ 000963

■ 00014A

■ 000433

■ 00021D

■ 000000

 7678EB

 7678EB

 5F61EB

 8E8FEB

 474AEB

 A5A6EB

 3033EB

 BDBDEB

 181CEB

 D4D4EB

 0005EB

 ECEBEB

 0004EB

 FFFFEB

Harmonies

Analogous

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



008DF7



7678EB



C35CC4

Triad

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



7678EB



CE6921



009E7D

Complementary

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



7678EB



EBE976

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.



009A42



7678EB



A48000

Square

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



7678EB



E75055



6D9000



009EB7

Rectangle

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



7678EB



DE4DA0



6D9000



009D69

Sweetspot

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



7678EB



D9D9FF



76EBE7



696980



000000



808080

Same Dimension

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



7678EB



6669FF



AD76EB



6A6A75



0003B5



000136

Inverse Universe

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



EB7678



FF6669



B4EB76



756A6A



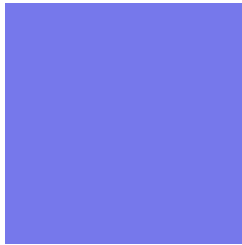
B50003



360001

Previews

White Background



This preview shows how the Hex color 7678EB looks on a white background.

Color Contrast Check

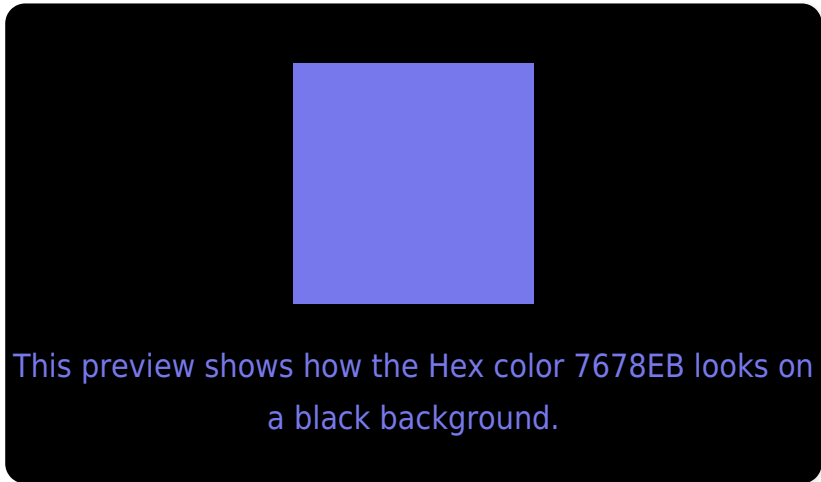
Large Text (above 18pt) WCAG AA ✓ Pass

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

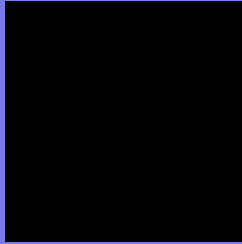
Any Text WCAG AA ✓ Pass

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 7678EB Background



This preview shows how black text looks on a background with the Hex color 7678EB.

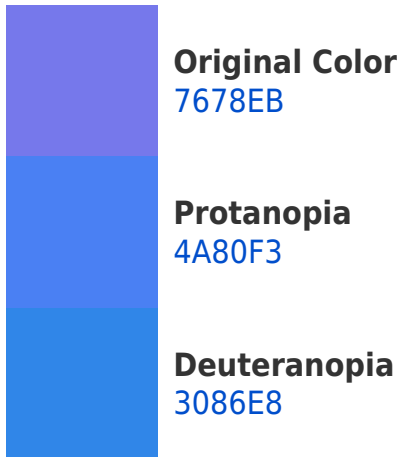


This preview shows how white text looks on a background with the Hex color 7678EB.

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](#).

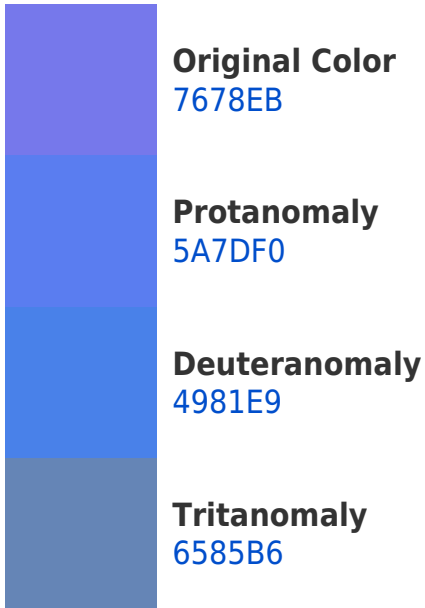
Dichromacy





Tritanopia
5C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7678EB 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 #7678EB looks like.

```
.text, #text, p{  
    color:#7678EB  
}
```

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 #7678EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7678EB
}
```

Border

The CSS property to change the border of an element to Hex 7678EB 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
#7678EB }
```

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

```
.border{ border-color:#7678EB }
```

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

Here you see how a box with a 4 pixel #7678EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7678EB; -webkit-box-shadow:4px 4px  
4px 4px #7678EB; box-shadow:4px 4px 4px  
4px #7678EB }
```

Background

The CSS property to change the background color of an element to Hex 7678EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7678EB }
```

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

```
.background{ background-color:#7678EB }
```

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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