

Converting Colors

Hex(7477EB)

Have a look what the booklet for
Hex(7477EB) contains.

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Color

Hex(7477EB)

Conversions

Conversions Part 1

Format	Color
Hex	7477EB
RGB	116, 119, 235
RGB Percent	45%, 47%, 92%
CMY	0.5451, 0.5333, 0.0784
CMYK	0.51, 0.49, 0.00, 0.08
HSL	238°, 75%, 69%
HSV	238°, 51%, 92%
XYZ	28.7947, 22.9048, 81.5007
YIQ	131.3270, -39.0240, 35.4400

Conversions

Conversions Part 2

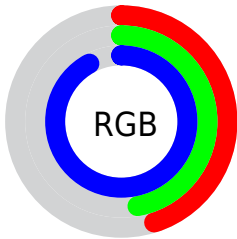
Format	Color
R _Y B	116, 119, 235
Decimal	7632875
CIE Lab	54.97, 29.89, -59.22
CIE LCh	55, 66.337, 296.778
Yxy	22.9048, 0.2162, 0.1720
Android (android.graphics.Color)	4285822955 (0xFF7477EB)
YUV	131.3270, 51.1108, -13.4418
Hunter-Lab	47.8590, 23.6425, -67.4657

Details

The Hex color **7477EB** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EBE874**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **AEABFF**, and **3647B2** is the 20% darker color. If you saturate the color by 10%, you get **5D60EB**, and if you desaturate by 10%, it is **8B8EEB**.

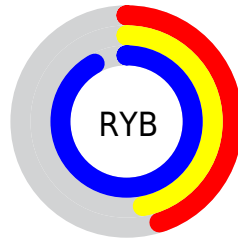
Distribution



Red (45%)

Green (47%)

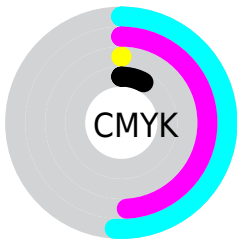
Blue (92%)



Red (45%)

Yellow (47%)

Blue (92%)

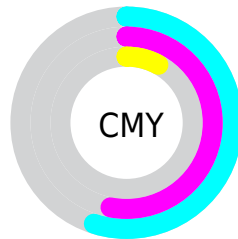


Cyan (51%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (55%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7477EB 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 7477EB by changing the saturation by 10% instead.

■ 7477EB

■ 7477EB

FFFFFF

■ 565ECE

■ AEABFF

■ 3647B2

■ CCC6FF

■ 023197

■ EAE2FF

■ 001C7D

■ 000863

■ 00024A

■ 000433

■ 00021D

■ 000000

 7477EB

 7477EB

 5D60EB

 8B8EEB

 4549EB

 A3A5EB

 2E32EB

 BBBCEB

 161BEB

 D2D3EB

 0006EB

 EAEAEB

 FFFFEB

Harmonies

Analogous

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



008CF7



7477EB



C25BC3

Triad

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



7477EB



CE671E



009D7B

Complementary

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



7477EB



EBE874

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.



009940



7477EB



A37F00

Square

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



7477EB



E64E54



6C8F00



009DB6

Rectangle

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



7477EB



DD4BA0



6C8F00



009C67

Sweetspot

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



7477EB



D9DAFF



74EBE7



696980



000000



808080

Same Dimension

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



7477EB



6367FF



AC74EB



6A6A75



0005B5



000136

Inverse Universe

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



EB7477



FF6367



B3EB74



756A6A



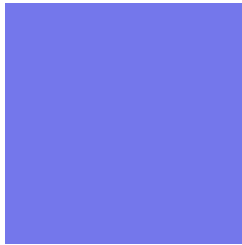
B50005



360001

Previews

White Background



This preview shows how the Hex color 7477EB looks on a white background.

Color Contrast Check

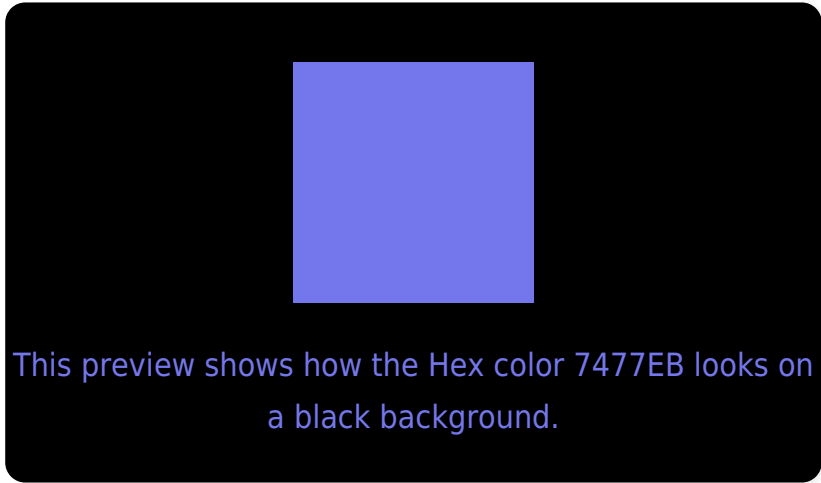
Large Text (above 18pt) WCAG AA ✓ Pass

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

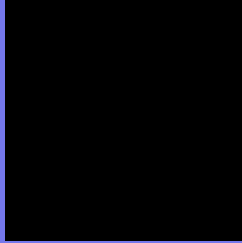
Any Text WCAG AA ✓ Pass

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 7477EB Background



This preview shows how black text looks on a background with the Hex color 7477EB.

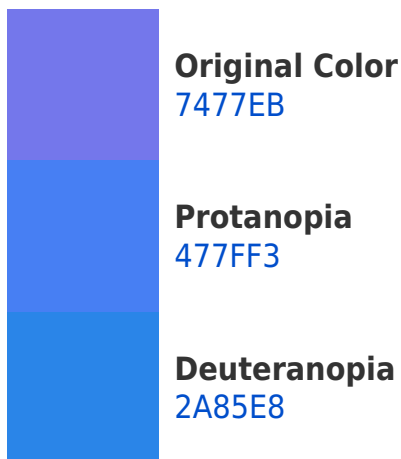


This preview shows how white text looks on a background with the Hex color 7477EB.

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](#).

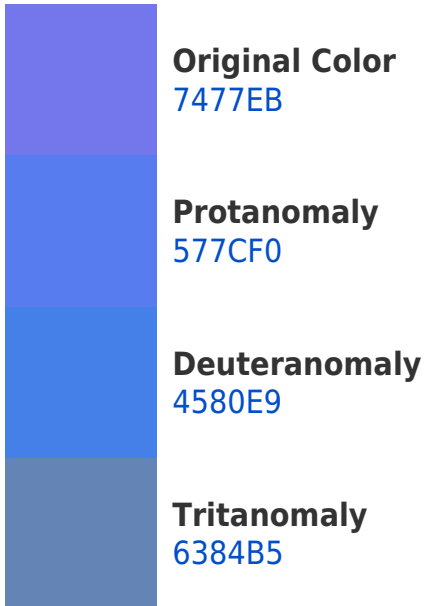
Dichromacy



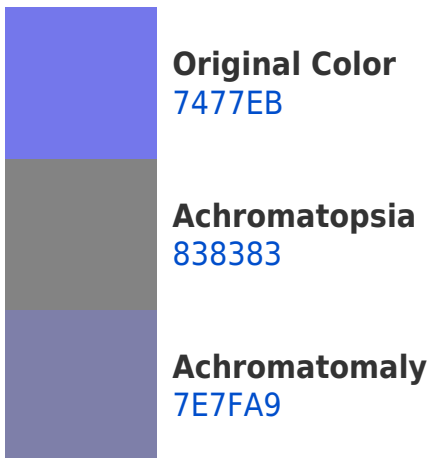


Tritanopia
598B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7477EB 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 #7477EB looks like.

```
.text, #text, p{  
    color:#7477EB  
}
```

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 #7477EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7477EB
}
```

Border

The CSS property to change the border of an element to Hex 7477EB 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
#7477EB }
```

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

```
.border{ border-color:#7477EB }
```

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

Here you see how a box with a 4 pixel #7477EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7477EB; -webkit-box-shadow:4px 4px  
4px 4px #7477EB; box-shadow:4px 4px 4px  
4px #7477EB }
```

Background

The CSS property to change the background color of an element to Hex 7477EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7477EB }
```

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

```
.background{ background-color:#7477EB }
```

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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