

Converting Colors

Hex(4771ED)

Have a look what the booklet for
Hex(4771ED) contains.

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Color

Hex(4771ED)

Conversions

Conversions Part 1

Format	Color
Hex	4771ED
RGB	71, 113, 237
RGB Percent	28%, 44%, 93%
CMY	0.7216, 0.5569, 0.0706
CMYK	0.70, 0.52, 0.00, 0.07
HSL	225°, 82%, 60%
HSV	225°, 70%, 93%
XYZ	23.7897, 19.2643, 82.5853
YIQ	114.5780, -64.8360, 29.6600

Conversions

Conversions Part 2

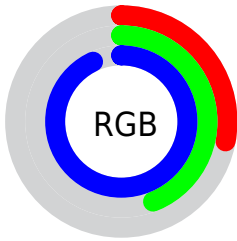
Format	Color
RYB	71, 105, 237
Decimal	4682221
CIELab	50.99, 26.33, -66.89
CIElCh	51, 71.882, 291.489
Yxy	19.2643, 0.1893, 0.1533
Android (android.graphics.Color)	4282872301 (0xFF4771ED)
YUV	114.5780, 60.3540, -38.2179
Hunter-Lab	43.8911, 19.9407, -80.8361

Details

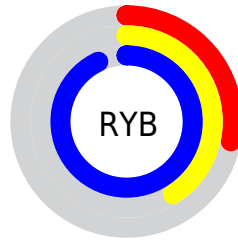
The Hex color **4771ED** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **EDC347**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **89A4FF**, and **0042B4** is the 20% darker color. If you saturate the color by 10%, you get **2F5FED**, and if you desaturate by 10%, it is **5F83ED**.

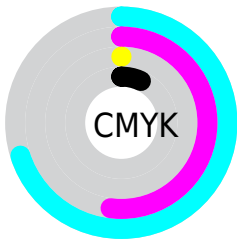
Distribution



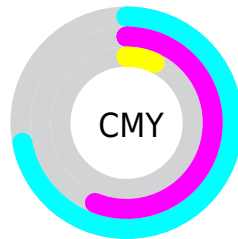
- Red (28%)
- Green (44%)
- Blue (93%)



- Red (28%)
- Yellow (41%)
- Blue (93%)



- Cyan (70%)
- Magenta (52%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (56%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4771ED 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 4771ED by changing the saturation by 10% instead.

 4771ED

 4771ED

FFFFFF

 1659D0

 89A4FF

 0042B4

 A8BFFF

 002D99

 C7DBFF

 001A7E

 E6F7FF

 000064

 00094B

 000434

 00021E

 000000

■ 4771ED

■ 4771ED

■ 2F5FED

■ 5F83ED

■ 184EED

■ 7694ED

■ 003CED

■ 8EA6ED

■ A6B8ED

■ BDCAED

■ D5DBED

■ EDEDED

■ FFFFED

Harmonies

Analogous

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



0086F4



4771ED



B051C7

Triad

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



4771ED



CC5413



009365

Complementary

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



4771ED



EDC347

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.



008E23



4771ED



A27100

Square

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



4771ED



E23451



698300



0094A5

Rectangle

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



4771ED



D239A2



698300



009250

Sweetspot

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



4771ED



C9D7FF



47EDC1



606880



000000



808080

Same Dimension

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



4771ED



295FFF



6E47ED



6A6D75



002EB5



000E36

Inverse Universe

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



ED4771



FF295F



C6ED47



756A6D



B5002E



36000E

Previews

White Background



This preview shows how the Hex color 4771ED 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

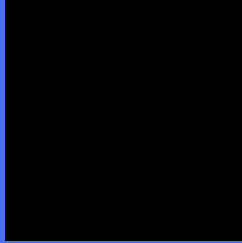
Any Text WCAG AA ✓ Pass

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 4771ED Background



This preview shows how black text looks on a background with the Hex color 4771ED.



This preview shows how white text looks on a background with the Hex color 4771ED.

Color Blindness Simulation

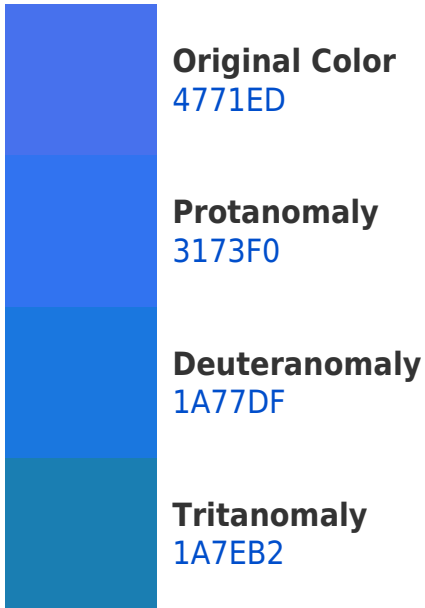
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

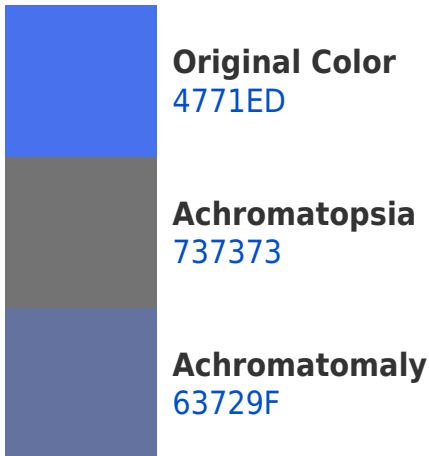




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4771ED 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 #4771ED looks like.

```
.text, #text, p{  
    color:#4771ED  
}
```

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 #4771ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4771ED
}
```

Border

The CSS property to change the border of an element to Hex 4771ED 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
#4771ED }
```

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

```
.border{ border-color:#4771ED }
```

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

Here you see how a box with a 4 pixel #4771ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4771ED; -webkit-box-shadow:4px 4px  
4px 4px #4771ED; box-shadow:4px 4px 4px  
4px #4771ED }
```

Background

The CSS property to change the background color of an element to Hex 4771ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4771ED }
```

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

```
.background{ background-color:#4771ED }
```

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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