

Converting Colors

Hex(6475EF)

Have a look what the booklet for
Hex(6475EF) contains.

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Color

Hex(6475EF)

Conversions

Conversions Part 1

Format	Color
Hex	6475EF
RGB	100, 117, 239
RGB Percent	39%, 46%, 94%
CMY	0.6078, 0.5412, 0.0627
CMYK	0.58, 0.51, 0.00, 0.06
HSL	233°, 81%, 66%
HSV	233°, 58%, 94%
XYZ	27.1968, 21.6639, 84.4095
YIQ	125.8250, -49.2940, 34.3380

Conversions

Conversions Part 2

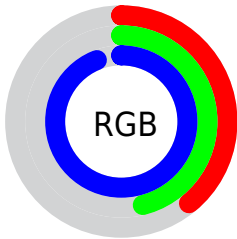
Format	Color
RYB	100, 115, 239
Decimal	6583791
CIELab	53.67, 29.19, -63.61
CIElCh	54, 69.985, 294.647
Yxy	21.6639, 0.2041, 0.1626
Android (android.graphics.Color)	4284773871 (0xFF6475EF)
YUV	125.8250, 55.7953, -22.6485
Hunter-Lab	46.5445, 22.8480, -74.9426

Details

The Hex color **6475EF** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **EFDE64**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A1A9FF**, and **1745B6** is the 20% darker color. If you saturate the color by 10%, you get **4C60EF**, and if you desaturate by 10%, it is **7C8AEF**.

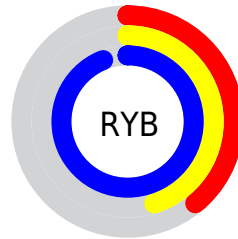
Distribution



Red (39%)

Green (46%)

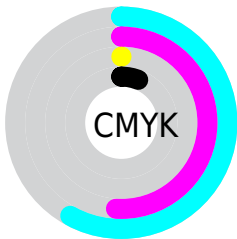
Blue (94%)



Red (39%)

Yellow (45%)

Blue (94%)

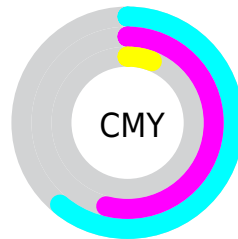


Cyan (58%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (61%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6475EF 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 6475EF by changing the saturation by 10% instead.

■ 6475EF

FFFFFF

■ A1A9FF

■ BFC4FF

■ DDE0FF

■ FBFDFD

■ 6475EF

■ 435DD2

■ 1745B6

■ 002F9B

■ 001C80

■ 000666

■ 00084D

■ 000535

■ 00021F

■ 000002

■ 6475EF

■ 6475EF

■ 4C60EF

■ 7C8AEF

■ 344BEF

■ 949FEF

■ 1C36EF

■ ACB4EF

■ 0421EF

■ C4C9EF

■ 001DEF

■ DBDEEF

■ F3F3EF

■ FFFFEF

Harmonies

Analogous

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



008BF9



6475EF



BD56C7

Triad

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



6475EF



CF6017



009A73

Complementary

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



6475EF



EFDE64

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.



009634



6475EF



A47A00

Square

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



6475EF



E84352



6B8C00



009BB1

Rectangle

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



6475EF



DB42A2



6B8C00



00995E

Sweetspot

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



6475EF



D4D9FF



64EFDC



666980



000000



808080

Same Dimension

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



6475EF



4D62FF



9764EF



6C6D78



0016B8



000738

Inverse Universe

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



EF6475



FF4D62



BCEF64



786C6D



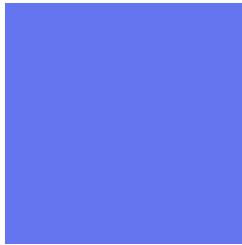
B80016



380007

Previews

White Background



This preview shows how the Hex color 6475EF looks on a white background.

Color Contrast Check

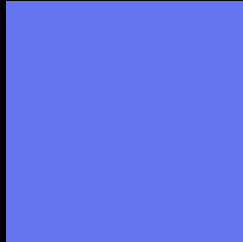
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6475EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

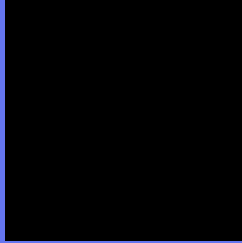
Any Text WCAG AA ✓ Pass

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 6475EF Background



This preview shows how black text looks on a background with the Hex color 6475EF.

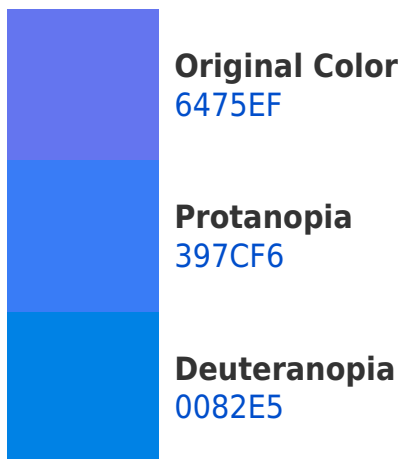


This preview shows how white text looks on a background with the Hex color 6475EF.

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](#).

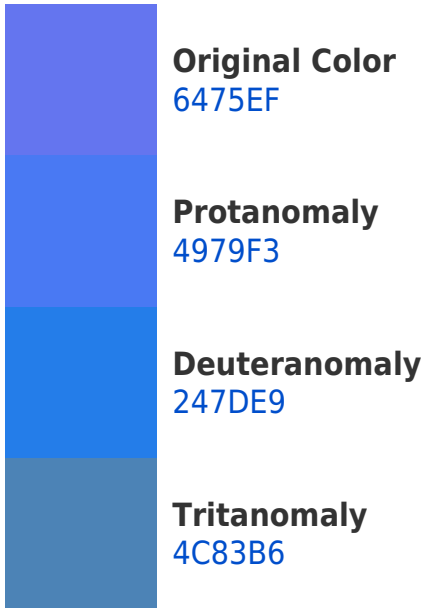
Dichromacy



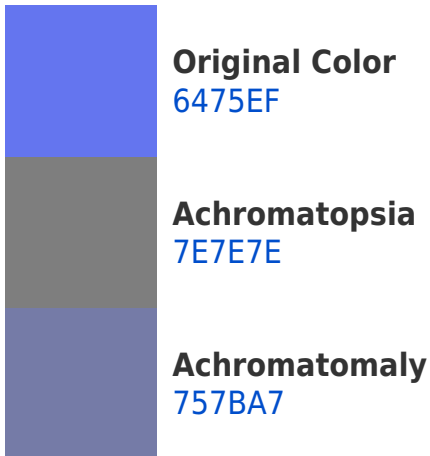


Tritanopia
3F8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6475EF 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 #6475EF looks like.

```
.text, #text, p{  
    color:#6475EF  
}
```

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 #6475EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6475EF
}
```

Border

The CSS property to change the border of an element to Hex 6475EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

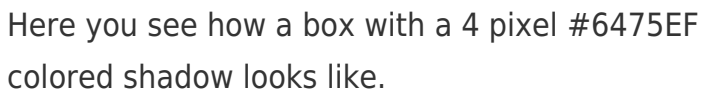
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6475EF }
```

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

```
.border{ border-color:#6475EF }
```

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



Here you see how a box with a 4 pixel #6475EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6475EF; -webkit-box-shadow:4px 4px  
4px 4px #6475EF; box-shadow:4px 4px 4px  
4px #6475EF }
```

Background

The CSS property to change the background color of an element to Hex 6475EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6475EF }
```

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

```
.background{ background-color:#6475EF }
```

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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