

Converting Colors

Hex(4E75EB)

Have a look what the booklet for
Hex(4E75EB) contains.

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Color

Hex(4E75EB)

Conversions

Conversions Part 1

Format	Color
Hex	4E75EB
RGB	78, 117, 235
RGB Percent	31%, 46%, 92%
CMY	0.6941, 0.5412, 0.0784
CMYK	0.67, 0.50, 0.00, 0.08
HSL	225°, 80%, 61%
HSV	225°, 67%, 92%
XYZ	24.4986, 20.3404, 81.2321
YIQ	118.7910, -61.1220, 28.4300

Conversions

Conversions Part 2

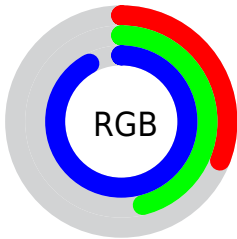
Format	Color
R_{YB}	78, 109, 235
Decimal	5141995
CIE _{Lab}	52.22, 24.15, -63.77
CIE _{LCh}	52, 68.192, 290.742
Yxy	20.3404, 0.1943, 0.1613
Android (android.graphics.Color)	4283332075 (0xFF4E75EB)
YUV	118.7910, 57.2910, -35.7737
Hunter-Lab	45.1004, 18.0357, -75.2194

Details

The Hex color **4E75EB** 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 **EBC44E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8EA9FF**, and **0046B2** is the 20% darker color. If you saturate the color by 10%, you get **3663EB**, and if you desaturate by 10%, it is **6687EB**.

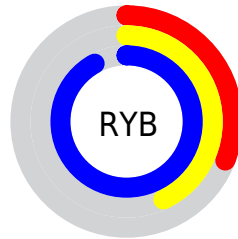
Distribution



Red (31%)

Green (46%)

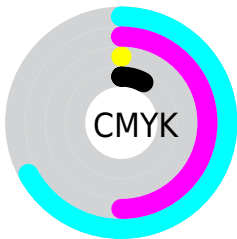
Blue (92%)



Red (31%)

Yellow (43%)

Blue (92%)

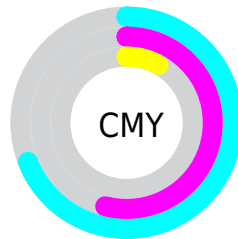


Cyan (67%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (54%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E75EB 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 4E75EB by changing the saturation by 10% instead.

 4E75EB

 4E75EB

FFFFFF

 255DCE

 8EA9FF

 0046B2

 ADC4FF

 003097

 CBE0FF

 001D7C

 E9FCFF

 000563

 00094A

 000432

 00021C

 000000

■ 4E75EB

■ 4E75EB

■ 3663EB

■ 6687EB

■ 1F52EB

■ 7D98EB

■ 0740EB

■ 94AAEB

■ 003AEB

■ ACBCEB

■ C3CDEB

■ DBDFEB

■ F3F1EB

■ FFFFEB

Harmonies

Analogous

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



0089F1



4E75EB



B058C7

Triad

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



4E75EB



CD591F



009568

Complementary

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



4E75EB



EBC44E

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.



10902B



4E75EB



A57400

Square

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



4E75EB



E23E57



708600



0097A4

Rectangle

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



4E75EB



D144A4



708600



009453

Sweetspot

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



4E75EB



CCD9FF



4EEBC4



616980



000000



808080

Same Dimension

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



4E75EB



3366FF



754EEB



6A6C75



002DB5



000D36

Inverse Universe

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



EB4E75



FF3366



C4EB4E



756A6C



B5002D



36000D

Previews

White Background



This preview shows how the Hex color 4E75EB looks on a white background.

Color Contrast Check

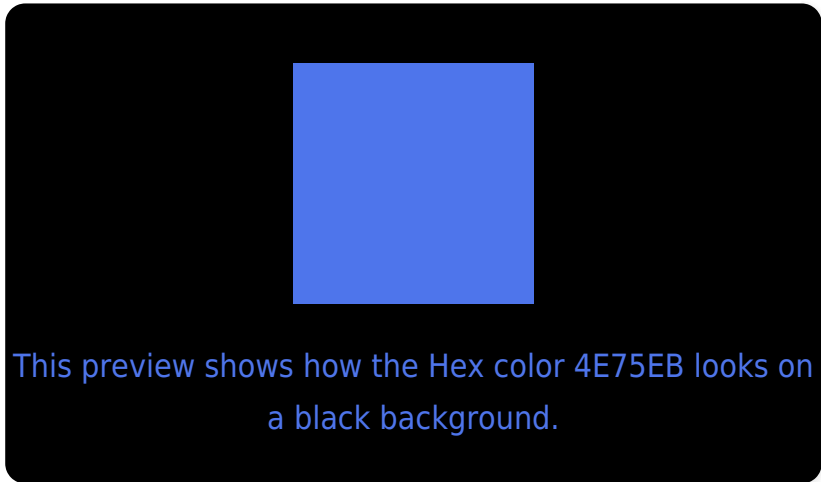
Large Text (above 18pt) WCAG AA ✓ Pass

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

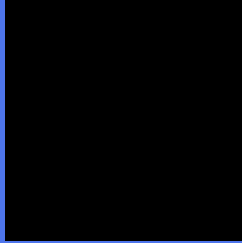
Any Text WCAG AA ✓ Pass

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 4E75EB Background



This preview shows how black text looks on a background with the Hex color 4E75EB.



This preview shows how white text looks on a background with the Hex color 4E75EB.

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](#).

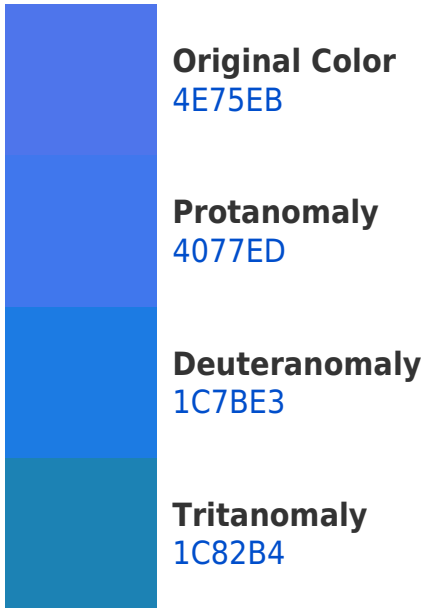
Dichromacy



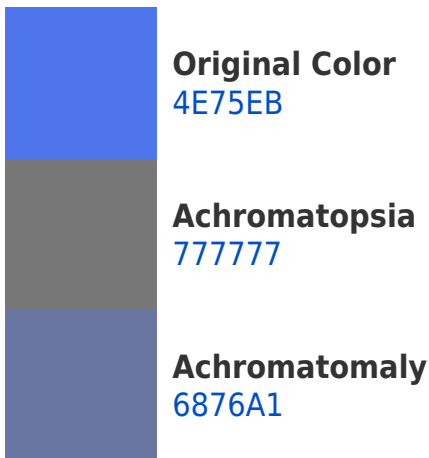


Tritanopia
008995

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E75EB 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 #4E75EB looks like.

```
.text, #text, p{  
    color:#4E75EB  
}
```

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 #4E75EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E75EB
}
```

Border

The CSS property to change the border of an element to Hex 4E75EB 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
#4E75EB }
```

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

```
.border{ border-color:#4E75EB }
```

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

Here you see how a box with a 4 pixel #4E75EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E75EB; -webkit-box-shadow:4px 4px  
4px 4px #4E75EB; box-shadow:4px 4px 4px  
4px #4E75EB }
```

Background

The CSS property to change the background color of an element to Hex 4E75EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E75EB }
```

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

```
.background{ background-color:#4E75EB }
```

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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