

Converting Colors

Hex(4D65EF)

Have a look what the booklet for
Hex(4D65EF) contains.

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Color

Hex(4D65EF)

Conversions

Conversions Part 1

Format	Color
Hex	4D65EF
RGB	77, 101, 239
RGB Percent	30%, 40%, 94%
CMY	0.6980, 0.6039, 0.0627
CMYK	0.68, 0.58, 0.00, 0.06
HSL	231°, 84%, 62%
HSV	231°, 68%, 94%
XYZ	23.2942, 17.1171, 83.7376
YIQ	109.5560, -58.6020, 37.8300

Conversions

Conversions Part 2

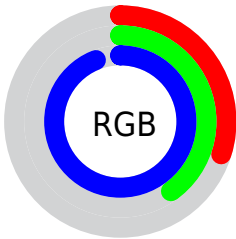
Format	Color
R_{YB}	77, 98, 239
Decimal	5072367
CIE _{Lab}	48.41, 35.28, -72.19
CIE _{LCh}	48, 80.352, 296.047
Yxy	17.1171, 0.1876, 0.1379
Android (android.graphics.Color)	4283262447 (0xFF4D65EF)
YUV	109.5560, 63.8159, -28.5516
Hunter-Lab	41.3729, 28.0987, -91.0404

Details

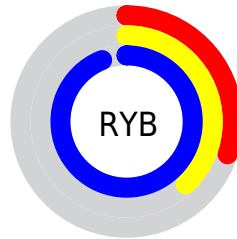
The Hex color **4D65EF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **EFD74D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8F98FF**, and **0037B6** is the 20% darker color. If you saturate the color by 10%, you get **3551EF**, and if you desaturate by 10%, it is **6579EF**.

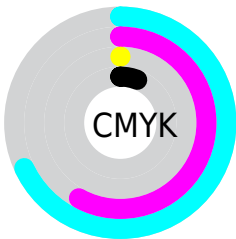
Distribution



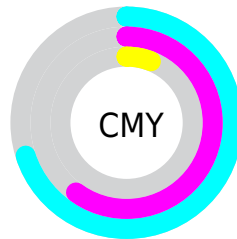
- Red (30%)
- Green (40%)
- Blue (94%)



- Red (30%)
- Yellow (38%)
- Blue (94%)



- Cyan (68%)
- Magenta (58%)
- Yellow (0%)
- Black (6%)



- Cyan (70%)
- Magenta (60%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4D65EF 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 4D65EF by changing the saturation by 10% instead.

 4D65EF

 4D65EF

FFFFFF

 214DD2

 8F98FF

 0037B6

 AEB2FF

 00229A

 CCCEFF

 00117F

 EBEAFF

 000066

 00094C

 000535

 00021F

 000001

■ 4D65EF

■ 4D65EF

■ 3551EF

■ 6579EF

■ 1D3CEF

■ 7D8EEF

■ 0528EF

■ 95A2EF

■ 0023EF

■ ADB6EF

■ C4CB EF

■ DCDF EF

■ F4F4 EF

■ FFFF EF

Harmonies

Analogous

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



007FFD



4D65EF



B93AC0

Triad

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



4D65EF



C54D00



008E68

Complementary

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



4D65EF



EFD74D

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.



008A1B



4D65EF



946D00

Square

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



4D65EF



E2163C



528000



008FAD

Rectangle

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



4D65EF



D90896



528000



008D50

Sweetspot

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



4D65EF



CCD4FF



4DEFD7



616580



000000



808080

Same Dimension

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



4D65EF



304FFF



864DEF



6C6E78



001BB8



000838

Inverse Universe

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



EF4D65



FF304F



B6EF4D



786C6E



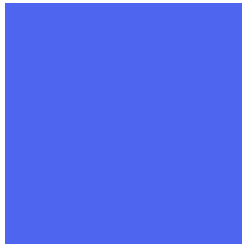
B8001B



380008

Previews

White Background



This preview shows how the Hex color 4D65EF looks on a white background.

Color Contrast Check

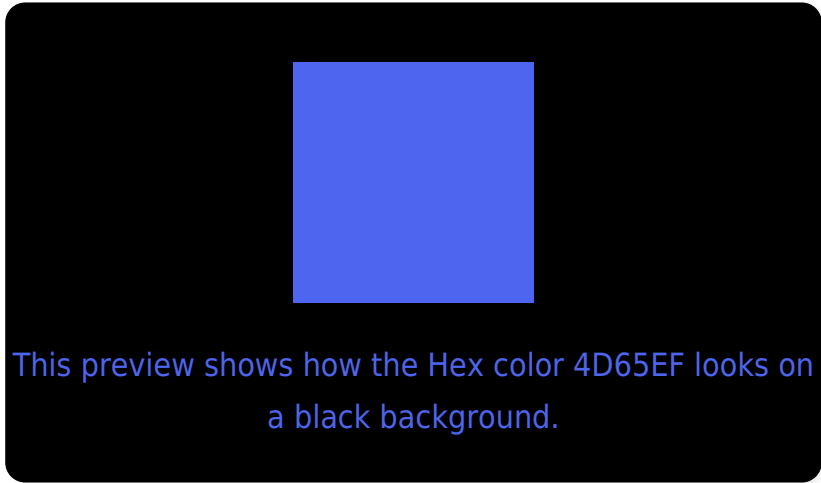
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

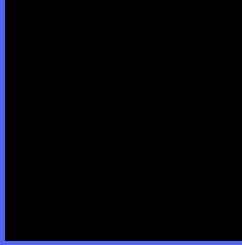
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D65EF Background



This preview shows how black text looks on a background with the Hex color 4D65EF.

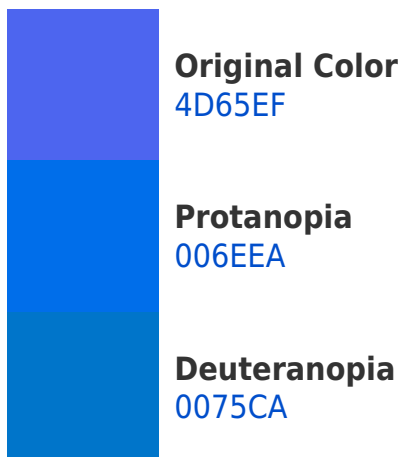


This preview shows how white text looks on a background with the Hex color 4D65EF.

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](#).

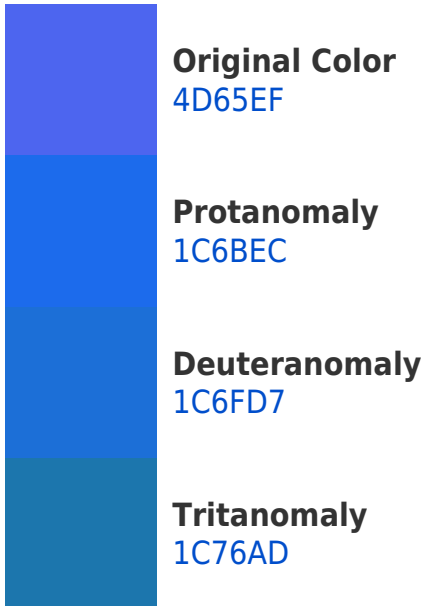
Dichromacy





Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D65EF 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 #4D65EF looks like.

```
.text, #text, p{  
    color:#4D65EF  
}
```

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 #4D65EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D65EF
}
```

Border

The CSS property to change the border of an element to Hex 4D65EF 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
#4D65EF }
```

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

```
.border{ border-color:#4D65EF }
```

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

Here you see how a box with a 4 pixel #4D65EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D65EF; -webkit-box-shadow:4px 4px  
4px 4px #4D65EF; box-shadow:4px 4px 4px  
4px #4D65EF }
```

Background

The CSS property to change the background color of an element to Hex 4D65EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D65EF }
```

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

```
.background{ background-color:#4D65EF }
```

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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