

Converting Colors

Hex(4E73F7)

Have a look what the booklet for
Hex(4E73F7) contains.

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Color

Hex(4E73F7)

Conversions

Conversions Part 1

Format	Color
Hex	4E73F7
RGB	78, 115, 247
RGB Percent	31%, 45%, 97%
CMY	0.6941, 0.5490, 0.0314
CMYK	0.68, 0.53, 0.00, 0.03
HSL	227°, 91%, 64%
HSV	227°, 68%, 97%
XYZ	26.0611, 20.5966, 90.5977
YIQ	118.9850, -64.4240, 33.2080

Conversions

Conversions Part 2

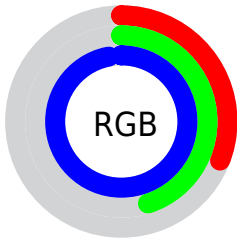
Format	Color
R _Y B	78, 108, 247
Decimal	5141495
CIE Lab	52.51, 29.55, -70.00
CIE LCh	53, 75.980, 292.886
Yxy	20.5966, 0.1899, 0.1501
Android (android.graphics.Color)	4283331575 (0xFF4E73F7)
YUV	118.9850, 63.1114, -35.9438
Hunter-Lab	45.3834, 23.0813, -86.5905

Details

The Hex color **4E73F7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **F7D24E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **90A6FF**, and **0044BE** is the 20% darker color. If you saturate the color by 10%, you get **3560F7**, and if you desaturate by 10%, it is **6786F7**.

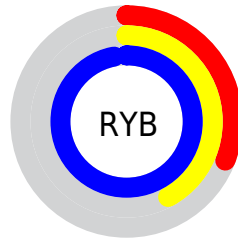
Distribution



Red (31%)

Green (45%)

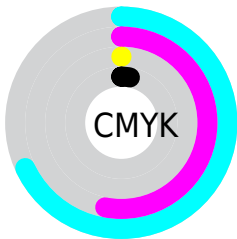
Blue (97%)



Red (31%)

Yellow (42%)

Blue (97%)

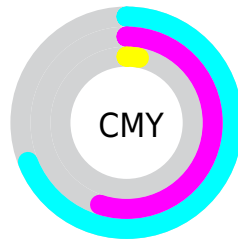


Cyan (68%)

Magenta (53%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (55%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4E73F7 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 4E73F7 by changing the saturation by 10% instead.

 4E73F7

 4E73F7

FFFFFF

 215BDA

 90A6FF

 0044BE

 AFC2FF

 002FA2

 CEDDFF


 001C87

 EDFAFF

 00056D

 000B53

 00063B

 000225

 00010D

■ 4E73F7

■ 4E73F7

■ 3560F7

■ 6786F7

■ 1D4CF7

■ 7F9AF7

■ 0439F7

■ 98ADF7

■ 0036F7

■ B1C0F7

■ CAD3F7

■ E2E7F7

■ FBFAF7

■ FFFFF7

Harmonies

Analogous

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



008AFF



4E73F7



BB50CD

Triad

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



4E73F7



D35707



00986B

Complementary

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



4E73F7



F7D24E

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.



009324



4E73F7



A57500

Square

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



4E73F7



EC314F



688900



0099AF

Rectangle

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



4E73F7



DD35A5



688900



009754

Sweetspot

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



4E73F7



C9D5FF



4EF7D0



606780



000000



808080

Same Dimension

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



4E73F7



2E5CFF



7B4EF7



6E717A



0029BA



000D3B

Inverse Universe

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



F74E73



FF2E5C



CAF74E



7A6E71



BA0029



3B000D

Previews

White Background



This preview shows how the Hex color 4E73F7 looks on a white background.

Color Contrast Check

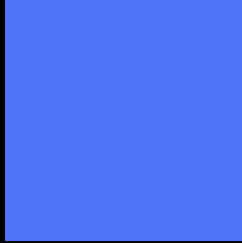
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E73F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

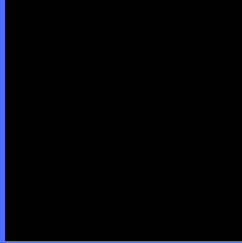
Any Text WCAG AA ✓ Pass

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 4E73F7 Background



This preview shows how black text looks on a background with the Hex color 4E73F7.

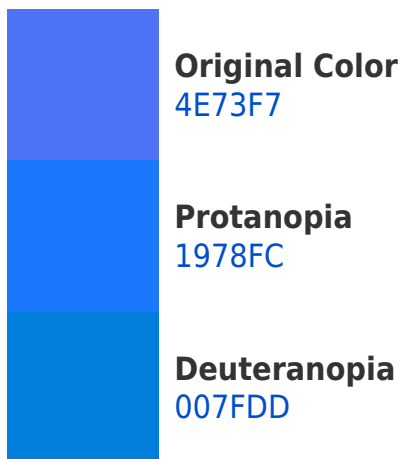


This preview shows how white text looks on a background with the Hex color 4E73F7.

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](#).

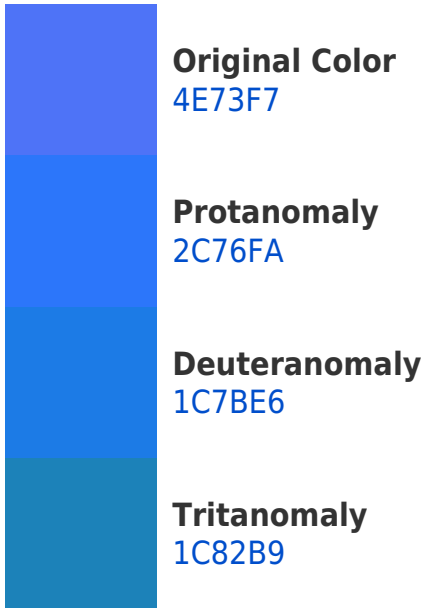
Dichromacy





Tritanopia
008A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E73F7 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 #4E73F7 looks like.

```
.text, #text, p{  
    color:#4E73F7  
}
```

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 #4E73F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E73F7
}
```

Border

The CSS property to change the border of an element to Hex 4E73F7 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
#4E73F7 }
```

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

```
.border{ border-color:#4E73F7 }
```

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

Here you see how a box with a 4 pixel #4E73F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E73F7; -webkit-box-shadow:4px 4px  
4px 4px #4E73F7; box-shadow:4px 4px 4px  
4px #4E73F7 }
```

Background

The CSS property to change the background color of an element to Hex 4E73F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E73F7 }
```

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

```
.background{ background-color:#4E73F7 }
```

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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