

Converting Colors

Hex(4E64F6)

Have a look what the booklet for
Hex(4E64F6) contains.

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Color

Hex(4E64F6)

Conversions

Conversions Part 1

Format	Color
Hex	4E64F6
RGB	78, 100, 246
RGB Percent	31%, 39%, 96%
CMY	0.6941, 0.6078, 0.0353
CMYK	0.68, 0.59, 0.00, 0.04
HSL	232°, 90%, 64%
HSV	232°, 68%, 96%
XYZ	24.3336, 17.3879, 89.2625
YIQ	110.0660, -59.9780, 40.7420

Conversions

Conversions Part 2

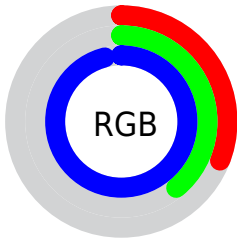
Format	Color
R _{YB}	78, 97, 246
Decimal	5137654
CIE Lab	48.75, 38.41, -75.55
CIE LCh	49, 84.758, 296.950
Yxy	17.3879, 0.1858, 0.1327
Android (android.graphics.Color)	4283327734 (0xFF4E64F6)
YUV	110.0660, 67.0155, -28.1219
Hunter-Lab	41.6988, 31.1921, -97.7300

Details

The Hex color **4E64F6** 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 **F6E04E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9197FF**, and **0036BC** is the 20% darker color. If you saturate the color by 10%, you get **354FF6**, and if you desaturate by 10%, it is **6779F6**.

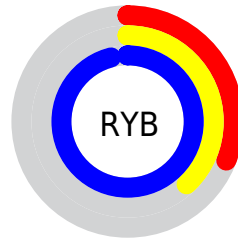
Distribution



Red (31%)

Green (39%)

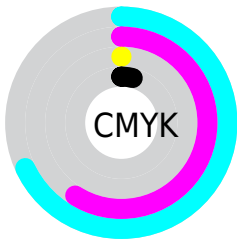
Blue (96%)



Red (31%)

Yellow (38%)

Blue (96%)

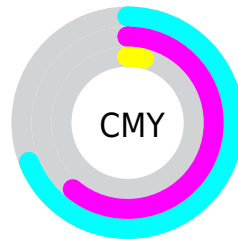


Cyan (68%)

Magenta (59%)

Yellow (0%)

Black (4%)



Cyan (69%)

Magenta (61%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E64F6 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 4E64F6 by changing the saturation by 10% instead.

 4E64F6

 4E64F6

FFFFFF

 204CD9

 9197FF

 0036BC

 B0B1FF

 0021A1

 CFCDFE

 001086

 EEE9FF

 00006C

 000B52

 00053A

 000223

 00000B

 4E64F6

 4E64F6

 354FF6

 6779F6

 1D39F6

 7F8FF6

 0424F6

 98A4F6

 0020F6

 B0BAF6

 C9CFF6

 E2E4F6

 FAFAF6

 FFFFF6

Harmonies

Analogous

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



0080FF



4E64F6



BF32C3

Triad

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



4E64F6



C84C00



00906A

Complementary

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



4E64F6



F6E04E

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.



008C17



4E64F6



946F00

Square

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



4E64F6



E80038



4C8200



0091B4

Rectangle

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



4E64F6



E00096



4C8200



008F51

Sweetspot

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



4E64F6



CCD3FF



4EF6E0



616580



000000



808080

Same Dimension

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



4E64F6



2E49FF



8C4EF6



6E707A



0018BA



00083B

Inverse Universe

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



F64E64



FF2E49



B8F64E



7A6E70



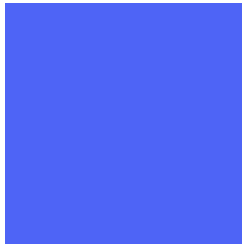
BA0018



3B0008

Previews

White Background



This preview shows how the Hex color 4E64F6 looks on a white background.

Color Contrast Check

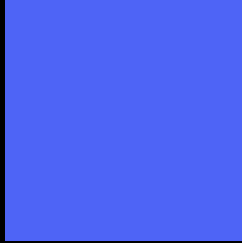
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4E64F6 looks on a 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 4E64F6 Background



This preview shows how black text looks on a background with the Hex color 4E64F6.

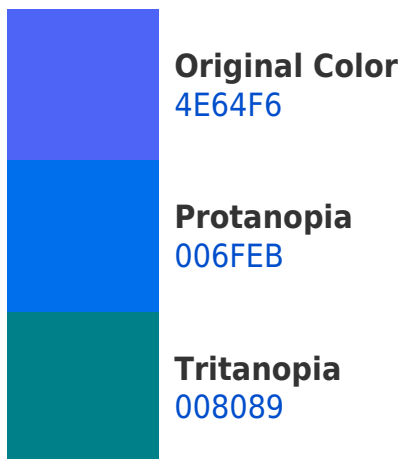


This preview shows how white text looks on a background with the Hex color 4E64F6.

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



Original Color
4E64F6

Protanomaly
1C6BEF

Tritanomaly
1C76B1

Monochromacy



Original Color
4E64F6

Achromatopsia
6E6E6E

Achromatomaly
626A9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E64F6 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 #4E64F6 looks like.

```
.text, #text, p{  
    color:#4E64F6  
}
```

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 #4E64F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E64F6  
}
```

Border

The CSS property to change the border of an element to Hex 4E64F6 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  
#4E64F6 }
```

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

```
.border{ border-color:#4E64F6 }
```

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

Here you see how a box with a 4 pixel #4E64F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E64F6; -webkit-box-shadow:4px 4px  
4px 4px #4E64F6; box-shadow:4px 4px 4px  
4px #4E64F6 }
```

Background

The CSS property to change the background color of an element to Hex 4E64F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E64F6 }
```

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

```
.background{ background-color:#4E64F6 }
```

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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