

Converting Colors

Hex(4C5EFE)

Have a look what the booklet for
Hex(4C5EFE) contains.

Hex(4C5EFE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C5EFE)

Conversions

Conversions Part 1

Format	Color
Hex	4C5EFE
RGB	76, 94, 254
RGB Percent	30%, 37%, 100%
CMY	0.7020, 0.6314, 0.0039
CMYK	0.70, 0.63, 0.00, 0.00
HSL	234°, 99%, 65%
HSV	234°, 70%, 100%
XYZ	24.8726, 16.6977, 95.6780
YIQ	106.8580, -62.0880, 45.9440

Conversions

Conversions Part 2

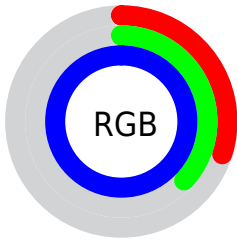
Format	Color
R_{YB}	76, 92, 254
Decimal	5005054
CIE _{Lab}	47.88, 44.48, -81.43
CIE _{LCh}	48, 92.789, 298.646
Yxy	16.6977, 0.1812, 0.1217
Android (android.graphics.Color)	4283195134 (0xFF4C5EFE)
YUV	106.8580, 72.5410, -27.0625
Hunter-Lab	40.8628, 37.1405, -110.2204

Details

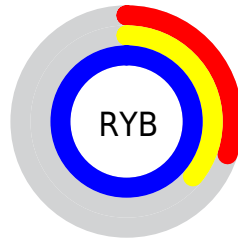
The Hex color **4C5EFE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FEEC4C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9191FF**, and **0030C4** is the 20% darker color. If you saturate the color by 10%, you get **3347FE**, and if you desaturate by 10%, it is **6575FE**.

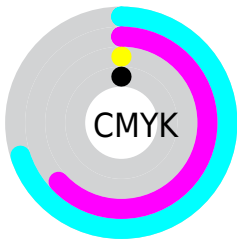
Distribution



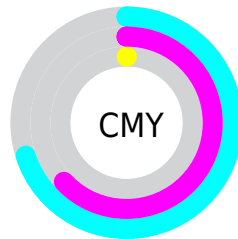
- Red (30%)
- Green (37%)
- Blue (100%)



- Red (30%)
- Yellow (36%)
- Blue (100%)



- Cyan (70%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (63%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5EFE 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 4C5EFE by changing the saturation by 10% instead.

 4C5EFE

 4C5EFE

FFFFFF

 1746E1

 9191FF

 0030C4

 B1ABFF

 001BA8

 D1C7FF

 000A8D

 F0E3FF

 000072

 000D58

 000740

 000329

 000113

 4C5EFE

 4C5EFE

 3347FE

 6575FE

 1930FE

 7F8CFE

 001AFE

 98A2FE

 B2B9FE

 CBD0FE

 E4E7FE

 FEFEFE

 FFFFFE

Harmonies

Analogous

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



007EFF



4C5EFE



C715C5

Triad

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



4C5EFE



C84700



008F6C

Complementary

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



4C5EFE



FEEC4C

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.



008B0A



4C5EFE



8E6E00

Square

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



4C5EFE



ED002D



3D8200



0090BC

Rectangle

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



4C5EFE



E80093



3D8200



008E50

Sweetspot

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



4C5EFE



C9CFFF



4CFEE9



606380



000000



808080

Same Dimension

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



4C5EFE



293EFF



904CFE



737480



0013BF



000640

Inverse Universe

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



FE4C5E



FF293E



BAFE4C



807374



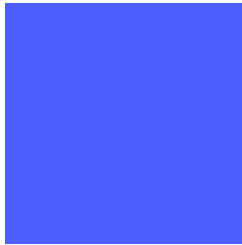
BF0013



400006

Previews

White Background



This preview shows how the Hex color 4C5EFE looks on a white background.

Color Contrast Check

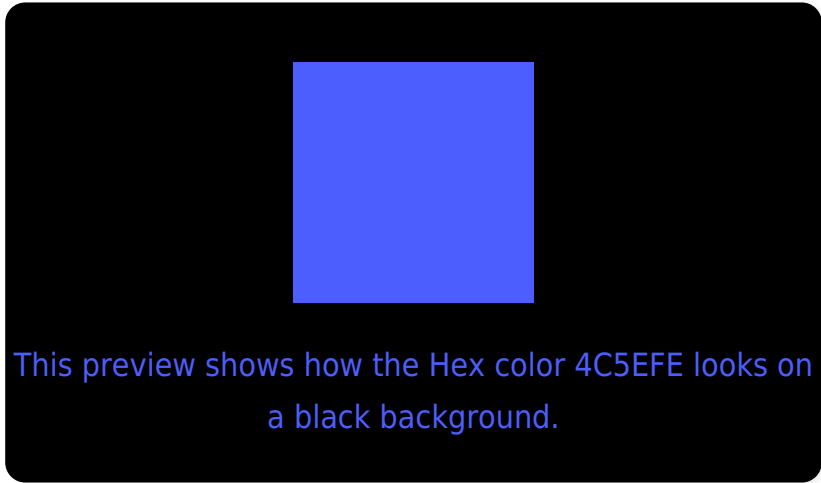
Large Text (above 18pt) WCAG AA ✓ Pass

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

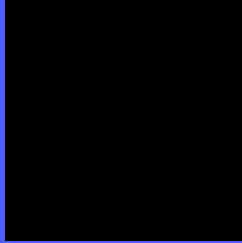
Any Text WCAG AA × Fail

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 4C5EFE Background



This preview shows how black text looks on a background with the Hex color 4C5EFE.



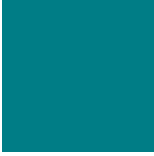
This preview shows how white text looks on a background with the Hex color 4C5EFE.

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](#).

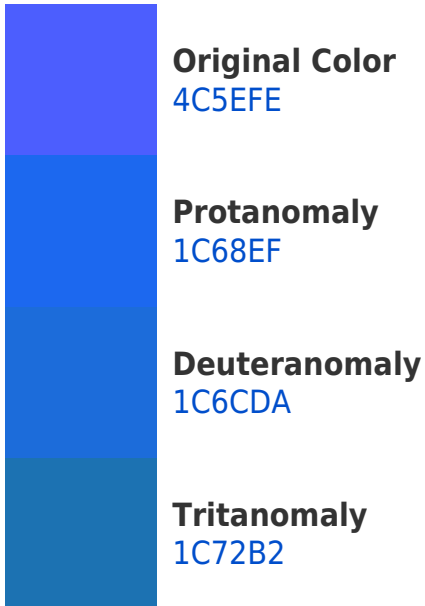
Dichromacy





Tritanopia
007D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5EFE 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 #4C5EFE looks like.

```
.text, #text, p{  
    color:#4C5EFE  
}
```

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 #4C5EFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5EFE
}
```

Border

The CSS property to change the border of an element to Hex 4C5EFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

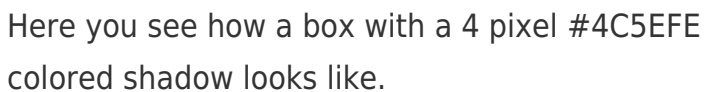
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5EFE }
```

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

```
.border{ border-color:#4C5EFE }
```

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



Here you see how a box with a 4 pixel #4C5EFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5EFE; -webkit-box-shadow:4px 4px  
4px 4px #4C5EFE; box-shadow:4px 4px 4px  
4px #4C5EFE }
```

Background

The CSS property to change the background color of an element to Hex 4C5EFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5EFE }
```

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

```
.background{ background-color:#4C5EFE }
```

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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