

Converting Colors

Hex(4E8DFB)

Have a look what the booklet for
Hex(4E8DFB) contains.

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Color

Hex(4E8DFB)

Conversions

Conversions Part 1

Format	Color
Hex	4E8DFB
RGB	78, 141, 251
RGB Percent	31%, 55%, 98%
CMY	0.6941, 0.4471, 0.0157
CMYK	0.69, 0.44, 0.00, 0.02
HSL	218°, 96%, 65%
HSV	218°, 69%, 98%
XYZ	30.0793, 27.6345, 95.0154
YIQ	134.7030, -72.8580, 20.8540

Conversions

Conversions Part 2

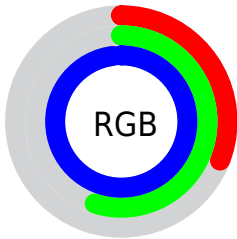
Format	Color
R _Y B	78, 124, 251
Decimal	5148155
CIE Lab	59.56, 15.06, -60.85
CIE LCh	60, 62.685, 283.897
Yxy	27.6345, 0.1969, 0.1809
Android (android.graphics.Color)	4283338235 (0xFF4E8DFB)
YUV	134.7030, 57.3344, -49.7285
Hunter-Lab	52.5685, 10.1416, -70.3663

Details

The Hex color **4E8DFB** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **FBBC4E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **90C2FF**, and **005CC2** is the 20% darker color. If you saturate the color by 10%, you get **357DFB**, and if you desaturate by 10%, it is **679DFB**.

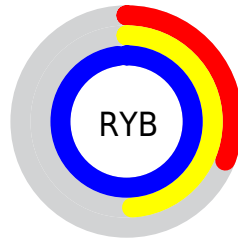
Distribution



Red (31%)

Green (55%)

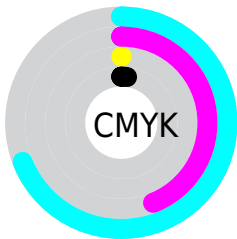
Blue (98%)



Red (31%)

Yellow (49%)

Blue (98%)

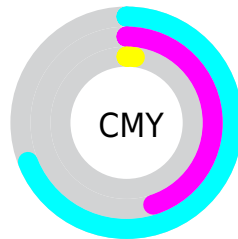


Cyan (69%)

Magenta (44%)

Yellow (0%)

Black (2%)



Cyan (69%)

Magenta (45%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4E8DFB 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 4E8DFB by changing the saturation by 10% instead.

 4E8DFB

 4E8DFB

FFFFFF

 2174DE

 90C2FF

 005CC2

 AFDEFF

 0045A6

 CEFAFF

 00308B

 EDFFFF

 001D71

 000258

 00073F

 000328

 000112

■ 4E8DFB

■ 4E8DFB

■ 357DFB

■ 679DFB

■ 1C6DFB

■ 80ADFB

■ 035DFB

■ 99BDFB

■ 005BFB

■ B2CDFB

■ CCDDFB

■ E5EDFB

■ FEFDFB

■ FFFFFB

Harmonies

Analogous

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



009EF9



4E8DFB



B375E0

Triad

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



4E8DFB



E6B45



00A76F

Complementary

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



4E8DFB



FBBC4E

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.



53A13A



4E8DFB



C3821A

Square

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



4E8DFB



F35A78



93950E



00A9A8

Rectangle

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



4E8DFB



D765C1



93950E



00A65C

Sweetspot

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



4E8DFB



C9DDFF



4EFBBC



606B80



000000



808080

Same Dimension

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



4E8DFB



2B78FF



654EFB



70757D



0045BD



00163D

Inverse Universe

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



FB4E8D



FF2B78



E4FB4E



7D7075



BD0045



3D0016

Previews

White Background



This preview shows how the Hex color 4E8DFB looks on a white background.

Color Contrast Check

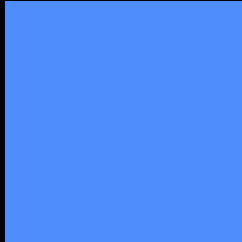
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E8DFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

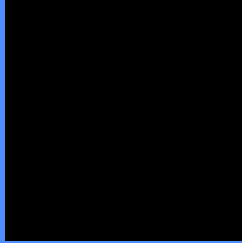
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

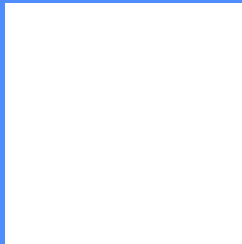
Any Text WCAG AAA × Fail

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

Hex 4E8DFB Background



This preview shows how black text looks on a background with the Hex color 4E8DFB.



This preview shows how white text looks on a background with the Hex color 4E8DFB.

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](#).

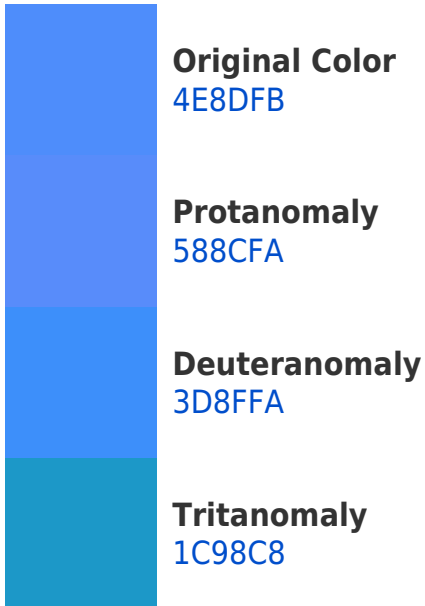
Dichromacy





Tritanopia
009EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8DFB 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 #4E8DFB looks like.

```
.text, #text, p{  
    color:#4E8DFB  
}
```

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 #4E8DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8DFB
}
```

Border

The CSS property to change the border of an element to Hex 4E8DFB 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
#4E8DFB }
```

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

```
.border{ border-color:#4E8DFB }
```

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

Here you see how a box with a 4 pixel #4E8DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8DFB; -webkit-box-shadow:4px 4px  
4px 4px #4E8DFB; box-shadow:4px 4px 4px  
4px #4E8DFB }
```

Background

The CSS property to change the background color of an element to Hex 4E8DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8DFB }
```

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

```
.background{ background-color:#4E8DFB }
```

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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