

Converting Colors

Hex(4B8EF3)

Have a look what the booklet for
Hex(4B8EF3) contains.

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Color

Hex(4B8EF3)

Conversions

Conversions Part 1

Format	Color
Hex	4B8EF3
RGB	75, 142, 243
RGB Percent	29%, 56%, 95%
CMY	0.7059, 0.4431, 0.0471
CMYK	0.69, 0.42, 0.00, 0.05
HSL	216°, 87%, 62%
HSV	216°, 69%, 95%
XYZ	28.7523, 27.3129, 88.5505
YIQ	133.4810, -72.3530, 17.2070

Conversions

Conversions Part 2

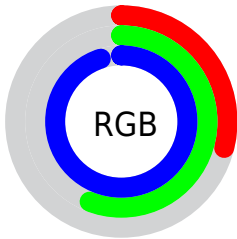
Format	Color
R _Y B	75, 123, 243
Decimal	4951795
CIE Lab	59.26, 11.24, -56.92
CIE LCh	59, 58.019, 281.168
Yxy	27.3129, 0.1988, 0.1889
Android (android.graphics.Color)	4283141875 (0xFF4B8EF3)
YUV	133.4810, 53.9929, -51.2878
Hunter-Lab	52.2618, 6.7454, -63.8757

Details

The Hex color **4B8EF3** 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 **F3B04B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8DC3FF**, and **005DBA** is the 20% darker color. If you saturate the color by 10%, you get **337FF3**, and if you desaturate by 10%, it is **639DF3**.

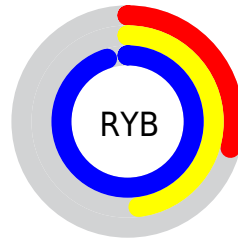
Distribution



Red (29%)

Green (56%)

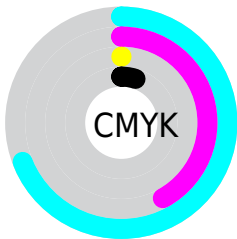
Blue (95%)



Red (29%)

Yellow (48%)

Blue (95%)

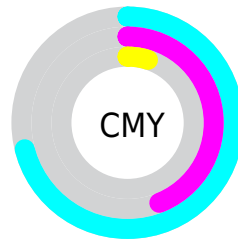


Cyan (69%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (44%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B8EF3 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 4B8EF3 by changing the saturation by 10% instead.

 4B8EF3

 4B8EF3

FFFFFF

 1E75D6

 8DC3FF

 005DBA

 ABDFFF

 00469F

 CAFBFF

 003084

 E9FFFF

 001D6A

 000451

 000539

 000223

 00000A

■ 4B8EF3

■ 4B8EF3

■ 337FF3

■ 639DF3

■ 1A71F3

■ 7CABF3

■ 0262F3

■ 94BAF3

■ 0061F3

■ ACC8F3

■ C4D7F3

■ DDE6F3

■ F5F4F3

■ FFFFF3

Harmonies

Analogous

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



009DEF



4B8EF3



AA79DC

Triad

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



4B8EF3



E26C4E



00A56C

Complementary

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



4B8EF3



F3B04B

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.



5F9E3D



4B8EF3



C38029

Square

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



4B8EF3



EB5F7E



97921E



00A7A1

Rectangle

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



4B8EF3



CE6AC1



97921E



1EA35B

Sweetspot

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



4B8EF3



C9DFFF



4BF3B0



606C80



000000



808080

Same Dimension

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



4B8EF3



2B80FF



5C4BF3



6E737A



004ABA



00173B

Inverse Universe

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



F34B8E



FF2B80



E2F34B



7A6E73



BA004A



3B0017

Previews

White Background



This preview shows how the Hex color 4B8EF3 looks on a white background.

Color Contrast Check

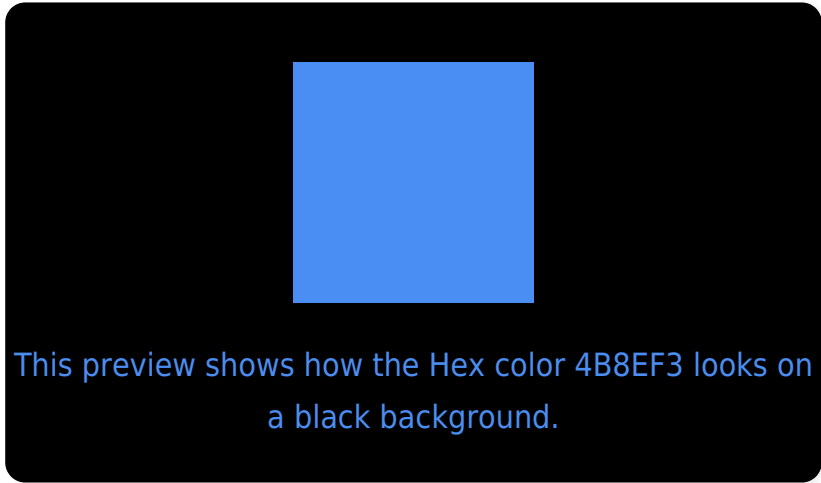
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

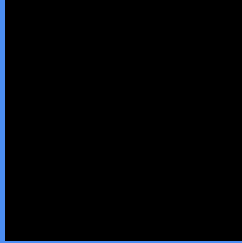
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

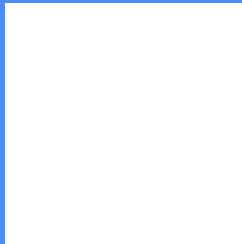
Any Text WCAG AAA × Fail

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

Hex 4B8EF3 Background



This preview shows how black text looks on a background with the Hex color 4B8EF3.



This preview shows how white text looks on a background with the Hex color 4B8EF3.

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](#).

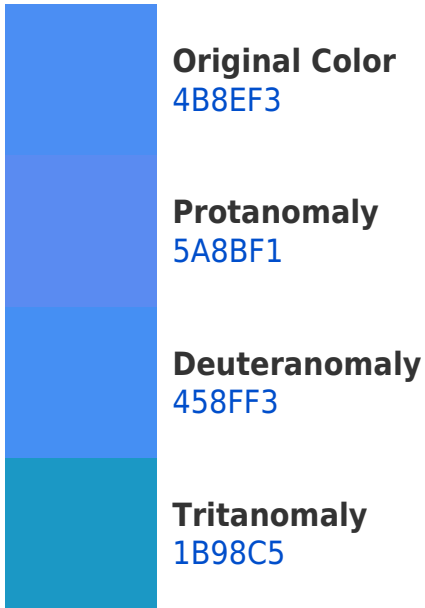
Dichromacy





Tritanopia
009DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8EF3 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 #4B8EF3 looks like.

```
.text, #text, p{  
    color:#4B8EF3  
}
```

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 #4B8EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8EF3
}
```

Border

The CSS property to change the border of an element to Hex 4B8EF3 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
#4B8EF3 }
```

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

```
.border{ border-color:#4B8EF3 }
```

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

Here you see how a box with a 4 pixel #4B8EF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8EF3; -webkit-box-shadow:4px 4px  
4px 4px #4B8EF3; box-shadow:4px 4px 4px  
4px #4B8EF3 }
```

Background

The CSS property to change the background color of an element to Hex 4B8EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8EF3 }
```

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

```
.background{ background-color:#4B8EF3 }
```

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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