

Converting Colors

Hex(4C49EB)

Have a look what the booklet for
Hex(4C49EB) contains.

Hex(4C49EB)	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>	28

Color

Hex(4C49EB)

Conversions

Conversions Part 1

Format	Color
Hex	4C49EB
RGB	76, 73, 235
RGB Percent	30%, 29%, 92%
CMY	0.7020, 0.7137, 0.0784
CMYK	0.68, 0.69, 0.00, 0.08
HSL	241°, 80%, 60%
HSV	241°, 69%, 92%
XYZ	20.3584, 12.2997, 79.8983
YIQ	92.3650, -50.2140, 51.0180

Conversions

Conversions Part 2

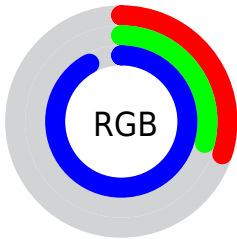
Format	Color
R _Y B	76, 73, 235
Decimal	4999659
CIE Lab	41.69, 50.50, -80.93
CIE LCh	42, 95.396, 301.965
Yxy	12.2997, 0.1809, 0.1093
Android (android.graphics.Color)	4283189739 (0xFF4C49EB)
YUV	92.3650, 70.3191, -14.3521
Hunter-Lab	35.0710, 42.2436, -110.5241

Details

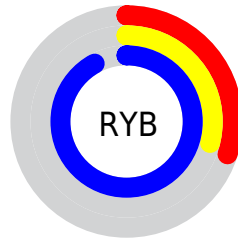
The Hex color **4C49EB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **E8EB49**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8F7BFF**, and **001BB2** is the 20% darker color. If you saturate the color by 10%, you get **3532EB**, and if you desaturate by 10%, it is **6361EB**.

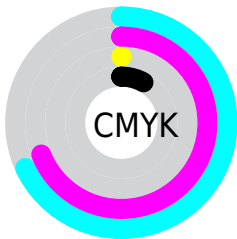
Distribution



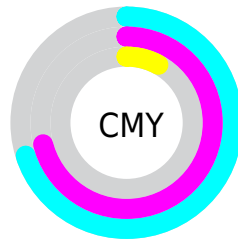
- Red (30%)
- Green (29%)
- Blue (92%)



- Red (30%)
- Yellow (29%)
- Blue (92%)



- Cyan (68%)
- Magenta (69%)
- Yellow (0%)
- Black (8%)



- Cyan (70%)
- Magenta (71%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C49EB 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 4C49EB by changing the saturation by 10% instead.

 4C49EB

 4C49EB

FFFFFF

 1D31CE

 8F7BFF

 001BB2

 AE95FF

 000596

 CDB0FF

 00007B

 EDCCFF

 000461

 FFE8FF

 000848

 000431

 00011B

 000000

■ 4C49EB

■ 4C49EB

■ 3532EB

■ 6361EB

■ 1E1AEB

■ 7A78EB

■ 0702EB

■ 918FEB

■ 0400EB

■ A8A7EB

■ BFBFEB

■ D6D6EB

■ EDEEEB

■ FFFFEB

Harmonies

Analogous

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



006EFF



4C49EB



BE00AE

Triad

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



4C49EB



B03C00



007E66

Complementary

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



4C49EB



E8EB49

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.



007B01



4C49EB



746200

Square

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



4C49EB



D80014



097400



0080B5

Rectangle

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



4C49EB



DB007B



097400



007E4A

Sweetspot

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



4C49EB



CAC9FF



49E8EB



606080



000000



808080

Same Dimension

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



4C49EB



2F2BFF



9D49EB



6A6A75



0300B5



010036

Inverse Universe

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



EB49E8



FF2BFB



97EB49



756A75



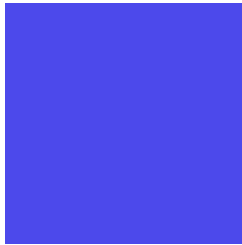
B500B2



360035

Previews

White Background



This preview shows how the Hex color 4C49EB looks on a white background.

Color Contrast Check

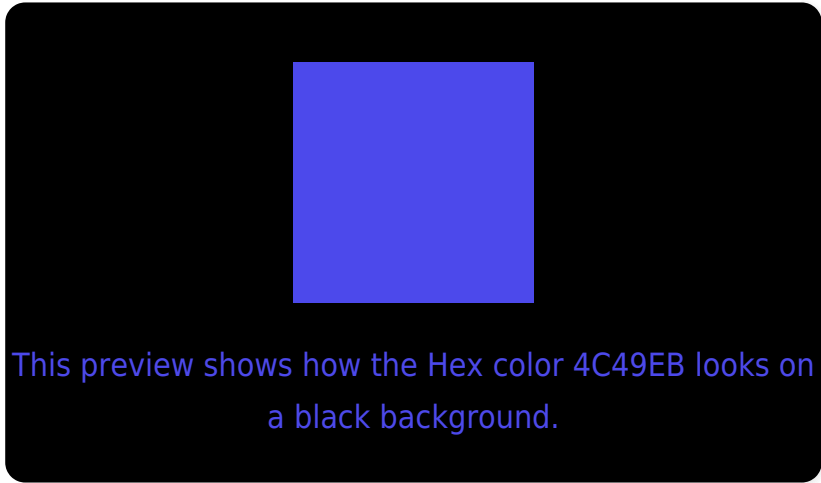
Large Text (above 18pt) WCAG AA ✓ Pass

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

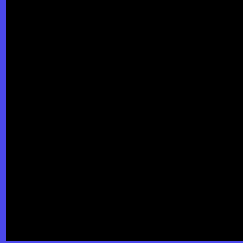
Any Text WCAG AA × Fail

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 4C49EB Background



This preview shows how black text looks on a background with the Hex color 4C49EB.

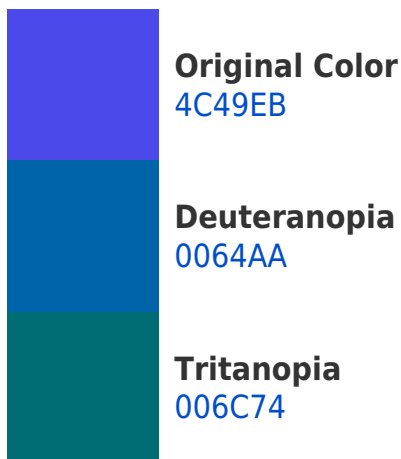


This preview shows how white text looks on a background with the Hex color 4C49EB.

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
4C49EB

Deuteranomaly
1C5AC2

Tritanomaly
1C5F9F

Monochromacy



Original Color
4C49EB

Achromatopsia
5C5C5C

Achromatomaly
565590

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C49EB 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 #4C49EB looks like.

```
.text, #text, p{  
    color:#4C49EB  
}
```

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 #4C49EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C49EB
}
```

Border

The CSS property to change the border of an element to Hex 4C49EB 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
#4C49EB }
```

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

```
.border{ border-color:#4C49EB }
```

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

Here you see how a box with a 4 pixel #4C49EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C49EB; -webkit-box-shadow:4px 4px  
4px 4px #4C49EB; box-shadow:4px 4px 4px  
4px #4C49EB }
```

Background

The CSS property to change the background color of an element to Hex 4C49EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C49EB }
```

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

```
.background{ background-color:#4C49EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor