

Converting Colors

Hex(4B8EEA)

Have a look what the booklet for
Hex(4B8EEA) contains.

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Color

Hex(4B8EEA)

Conversions

Conversions Part 1

Format	Color
Hex	4B8EEA
RGB	75, 142, 234
RGB Percent	29%, 56%, 92%
CMY	0.7059, 0.4431, 0.0824
CMYK	0.68, 0.39, 0.00, 0.08
HSL	215°, 79%, 61%
HSV	215°, 68%, 92%
XYZ	27.4259, 26.7824, 81.5659
YIQ	132.4550, -69.4640, 14.4080

Conversions

Conversions Part 2

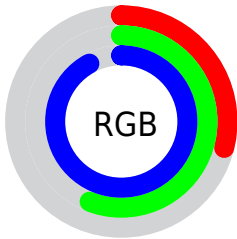
Format	Color
RYB	75, 122, 234
Decimal	4951786
CIELab	58.77, 8.11, -52.72
CIELCh	59, 53.343, 278.744
Yxy	26.7824, 0.2020, 0.1973
Android (android.graphics.Color)	4283141866 (0xFF4B8EEA)
YUV	132.4550, 50.0617, -50.3880
Hunter-Lab	51.7517, 4.0311, -57.2209

Details

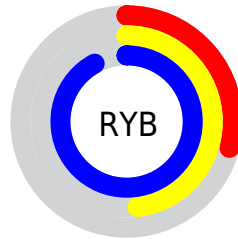
The Hex color **4B8EEA** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **EAA74B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8BC3FF**, and **005CB2** is the 20% darker color. If you saturate the color by 10%, you get **3480EA**, and if you desaturate by 10%, it is **629CEA**.

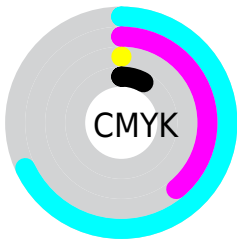
Distribution



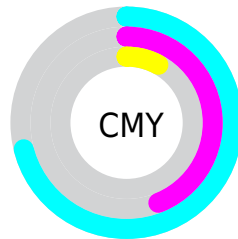
- Red (29%)
- Green (56%)
- Blue (92%)



- Red (29%)
- Yellow (48%)
- Blue (92%)



- Cyan (68%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (71%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B8EEA 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 4B8EEA by changing the saturation by 10% instead.

 4B8EEA

 4B8EEA

FFFFFF

 2175CD

 8BC3FF

 005CB2

 A9DFFF

 004596

 C8FCFF

 00307C

 E6FFFF

 001D63

 00074A

 000433

 00021D

 000000

 4B8EEA

 4B8EEA

 3480EA

 629CEA

 1C73EA

 7AA9EA

 0565EA

 91B7EA

 0063EA

 A9C4EA

 C0D2EA

 D7DFEA

 EFEDEA

 FFFAEA

 FFFFEA

Harmonies

Analogous

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



009BE4



4B8EEA



A27BD7

Triad

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



4B8EEA



DC6D55



00A26A

Complementary

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



4B8EEA



EAA74B

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.



689B40



4B8EEA



C27F34

Square

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



4B8EEA



E36381



9A8F29



00A49A

Rectangle

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



4B8EEA



C46EBF



9A8F29



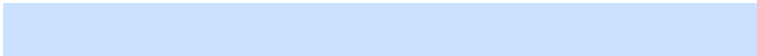
38A05B

Sweetspot

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



4B8EEA



CCE1FF



4BEAA5



616E80



000000



808080

Same Dimension

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



4B8EEA



2E86FF



564BEA



6A6F75



004CB5



001736

Inverse Universe

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



EA4B8E



FF2E86



DFEA4B



756A6F



B5004C



360017

Previews

White Background



This preview shows how the Hex color 4B8EEA looks on a white background.

Color Contrast Check

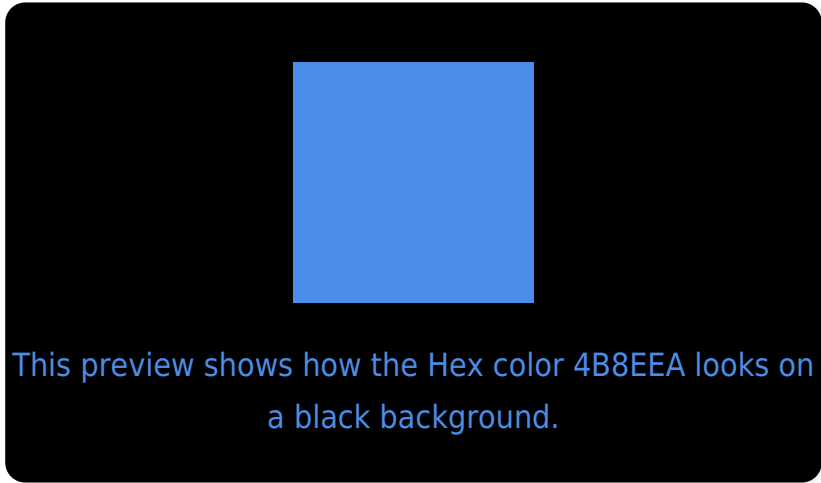
Large Text (above 18pt) WCAG AA ✓ Pass

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

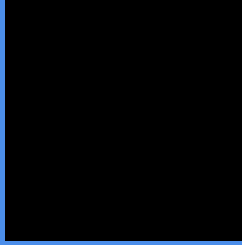
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

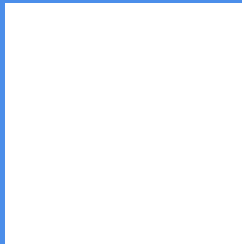
Any Text WCAG AAA × Fail

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

Hex 4B8EEA Background



This preview shows how black text looks on a background with the Hex color 4B8EEA.



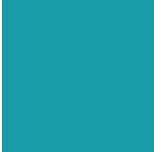
This preview shows how white text looks on a background with the Hex color 4B8EEA.

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](#).

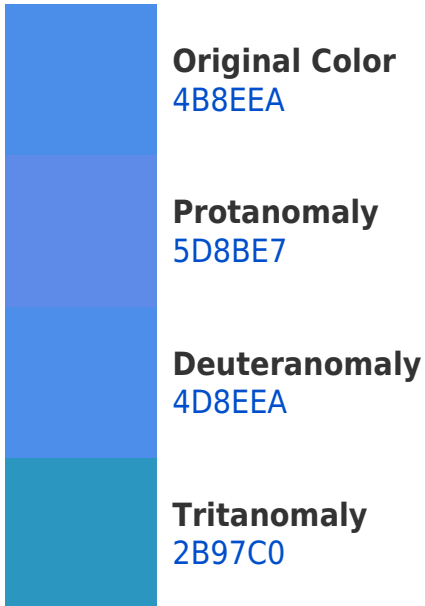
Dichromacy





Tritanopia
189CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8EEA 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 #4B8EEA looks like.

```
.text, #text, p{  
    color:#4B8EEA  
}
```

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 #4B8EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8EEA
}
```

Border

The CSS property to change the border of an element to Hex 4B8EEA 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
#4B8EEA }
```

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

```
.border{ border-color:#4B8EEA }
```

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

Here you see how a box with a 4 pixel #4B8EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8EEA; -webkit-box-shadow:4px 4px  
4px 4px #4B8EEA; box-shadow:4px 4px 4px  
4px #4B8EEA }
```

Background

The CSS property to change the background color of an element to Hex 4B8EEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8EEA }
```

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

```
.background{ background-color:#4B8EEA }
```

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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