

Converting Colors

Hex(4B8AEB)

Have a look what the booklet for
Hex(4B8AEB) contains.

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Color

Hex(4B8AEB)

Conversions

Conversions Part 1

Format	Color
Hex	4B8AEB
RGB	75, 138, 235
RGB Percent	29%, 54%, 92%
CMY	0.7059, 0.4588, 0.0784
CMYK	0.68, 0.41, 0.00, 0.08
HSL	216°, 80%, 61%
HSV	216°, 68%, 92%
XYZ	26.9855, 25.6710, 82.1300
YIQ	130.2210, -68.6850, 16.8110

Conversions

Conversions Part 2

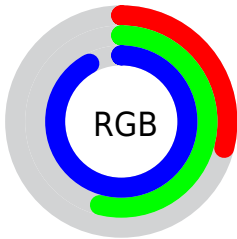
Format	Color
R_{YB}	75, 120, 235
Decimal	4950763
CIE _{Lab}	57.72, 10.85, -54.95
CIE _{LCh}	58, 56.010, 281.172
Yxy	25.6710, 0.2002, 0.1905
Android (android.graphics.Color)	4283140843 (0xFF4B8AEB)
YUV	130.2210, 51.6560, -48.4288
Hunter-Lab	50.6665, 6.4045, -60.6420

Details

The Hex color **4B8AEB** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **EBAC4B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **8BBFFF**, and **0059B3** is the 20% darker color. If you saturate the color by 10%, you get **347CEB**, and if you desaturate by 10%, it is **6298EB**.

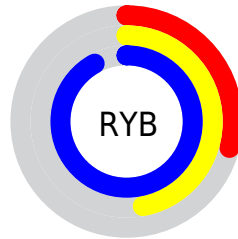
Distribution



Red (29%)

Green (54%)

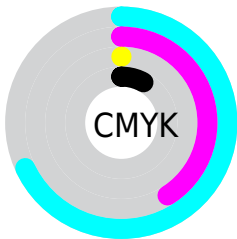
Blue (92%)



Red (29%)

Yellow (47%)

Blue (92%)

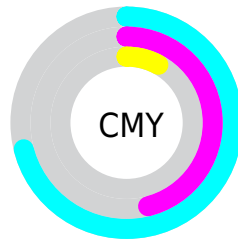


Cyan (68%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4B8AEB 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 4B8AEB by changing the saturation by 10% instead.

 4B8AEB

 4B8AEB


FFFFFF

 2171CE

 8BBFFF

 0059B3

 AADBFF

 004297

 C8F7FF

 002D7D

 E6FFFF

 001A63

 00084B

 000433

 00021D

 000000

 4B8AEB

 4B8AEB

 347CEB

 6298EB

 1C6EEB

 7AA6EB

 045FEB

 92B5EB

 005DEB

 A9C3EB

 C1D1EB

 D8DFEB

 F0EEEB

 FFFCEB

 FFFFEB

Harmonies

Analogous

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



0098E7



4B8AEB



A576D5

Triad

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



4B8AEB



DA694C



00A069

Complementary

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



4B8AEB



EBAC4B

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.



5D9A3C



4B8AEB



BD7D29

Square

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



4B8AEB



E45D7A



938E1F



00A29C

Rectangle

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



4B8AEB



C768BB



938E1F



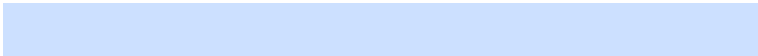
219E59

Sweetspot

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



4B8AEB



CCE0FF



4BEBAB



616D80



000000



808080

Same Dimension

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



4B8AEB



2E80FF



5B4BEB



6A6E75



0047B5



001536

Inverse Universe

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



EB4B8A



FF2E80



DBEB4B



756A6E



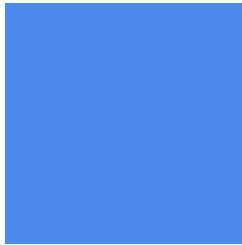
B50047



360015

Previews

White Background



This preview shows how the Hex color 4B8AEB looks on a white background.

Color Contrast Check

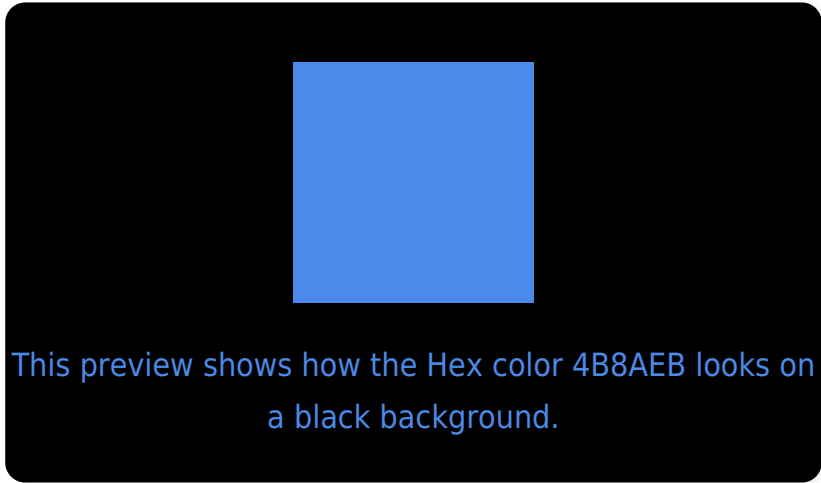
Large Text (above 18pt) WCAG AA ✓ Pass

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

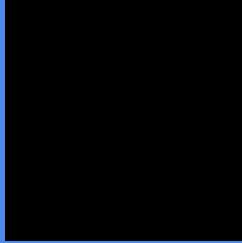
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

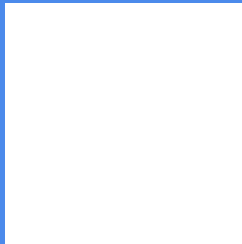
Any Text WCAG AAA × Fail

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

Hex 4B8AEB Background



This preview shows how black text looks on a background with the Hex color 4B8AEB.

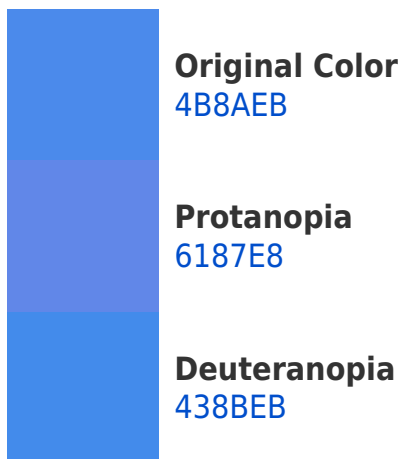


This preview shows how white text looks on a background with the Hex color 4B8AEB.

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](#).

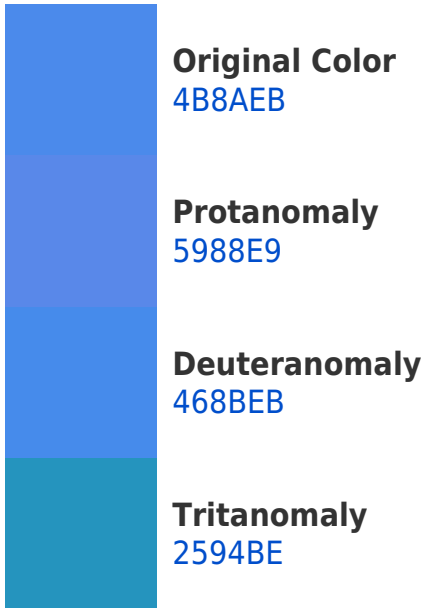
Dichromacy



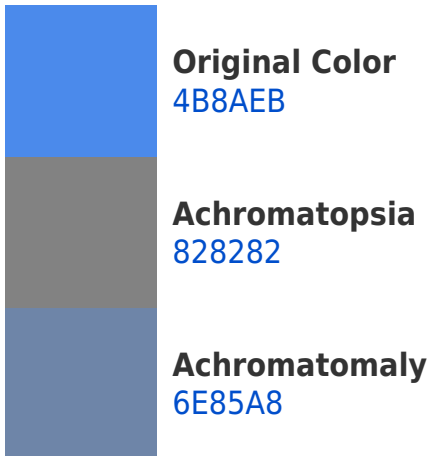


Tritanopia
1099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8AEB 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 #4B8AEB looks like.

```
.text, #text, p{  
    color:#4B8AEB  
}
```

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 #4B8AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8AEB
}
```

Border

The CSS property to change the border of an element to Hex 4B8AEB 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
#4B8AEB }
```

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

```
.border{ border-color:#4B8AEB }
```

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

Here you see how a box with a 4 pixel #4B8AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8AEB; -webkit-box-shadow:4px 4px  
4px 4px #4B8AEB; box-shadow:4px 4px 4px  
4px #4B8AEB }
```

Background

The CSS property to change the background color of an element to Hex 4B8AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8AEB }
```

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

```
.background{ background-color:#4B8AEB }
```

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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