

Converting Colors

Hex(3B8AEB)

Have a look what the booklet for
Hex(3B8AEB) contains.

Hex(3B8AEB)	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>	29

Color

Hex(3B8AEB)

Conversions

Conversions Part 1

Format	Color
Hex	3B8AEB
RGB	59, 138, 235
RGB Percent	23%, 54%, 92%
CMY	0.7686, 0.4588, 0.0784
CMYK	0.75, 0.41, 0.00, 0.08
HSL	213°, 81%, 58%
HSV	213°, 75%, 92%
XYZ	25.8875, 25.1049, 82.0786
YIQ	125.4370, -78.2210, 13.4190

Conversions

Conversions Part 2

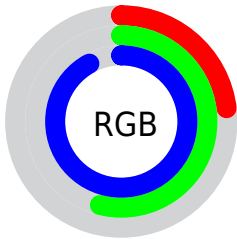
Format	Color
R_{YB}	59, 114, 235
Decimal	3902187
CIE _{Lab}	57.18, 8.69, -55.85
CIE _{LCh}	57, 56.524, 278.840
Yxy	25.1049, 0.1945, 0.1887
Android (android.graphics.Color)	4282092267 (0xFF3B8AEB)
YUV	125.4370, 54.0146, -58.2652
Hunter-Lab	50.1048, 4.5417, -62.0518

Details

The Hex color **3B8AEB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EB9C3B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **80BFFF**, and **0059B3** is the 20% darker color. If you saturate the color by 10%, you get **237DEB**, and if you desaturate by 10%, it is **5297EB**.

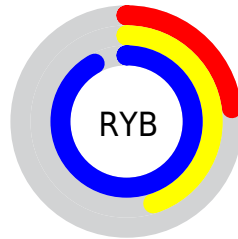
Distribution



Red (23%)

Green (54%)

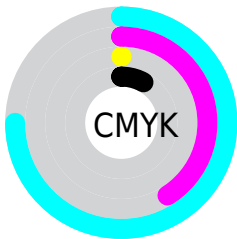
Blue (92%)



Red (23%)

Yellow (45%)

Blue (92%)

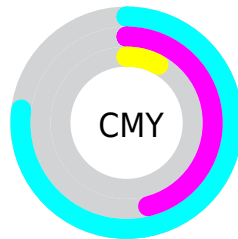


Cyan (75%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (77%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8AEB 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 3B8AEB by changing the saturation by 10% instead.

 3B8AEB

 3B8AEB


FFFFFF

 0071CE

 80BFFF

 0059B3

 9FDBFF

 004297

 BEF7FF

 002D7D

 DDFFFF

 001A63

 FCFFFF

 00094B

 000433

 00021D

 000000

■ 3B8AEB

■ 3B8AEB

■ 237DEB

■ 5297EB

■ 0C70EB

■ 6AA4EB

■ 0069EB

■ 82B1EB

■ 99BEEB

■ B1CBEB

■ C8D8EB

■ DFE5EB

■ F7F2EB

■ FFFFEB

Harmonies

Analogous

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



0098E5



3B8AEB



9E76D7

Triad

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



3B8AEB



DB664E



009E64

Complementary

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



3B8AEB



EB9C3B

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.



609837



3B8AEB



BF7A29

Square

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



3B8AEB



E35A7D



958C1B



00A197

Rectangle

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



3B8AEB



C368BD



958C1B



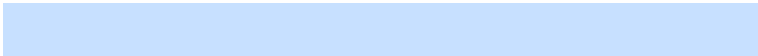
289D54

Sweetspot

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



3B8AEB



C7E0FF



3BEB9C



5E6D80



000000



808080

Same Dimension

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



3B8AEB



1981FF



443BEB



6A6F75



0051B5



001836

Inverse Universe

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



EB3B8A



FF1981



E2EB3B



756A6F



B50051



360018

Previews

White Background



This preview shows how the Hex color 3B8AEB looks on a white background.

Color Contrast Check

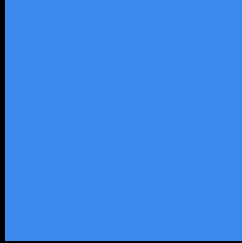
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B8AEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

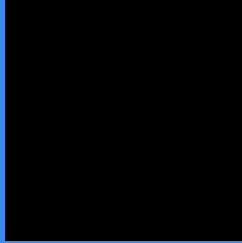
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

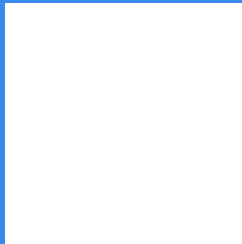
Any Text WCAG AAA × Fail

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

Hex 3B8AEB Background



This preview shows how black text looks on a background with the Hex color 3B8AEB.



This preview shows how white text looks on a background with the Hex color 3B8AEB.

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](#).

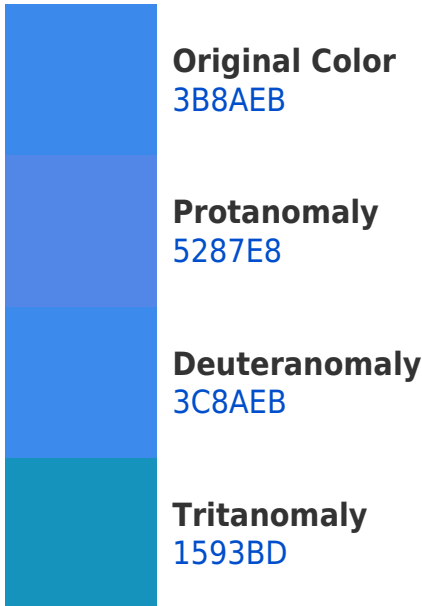
Dichromacy



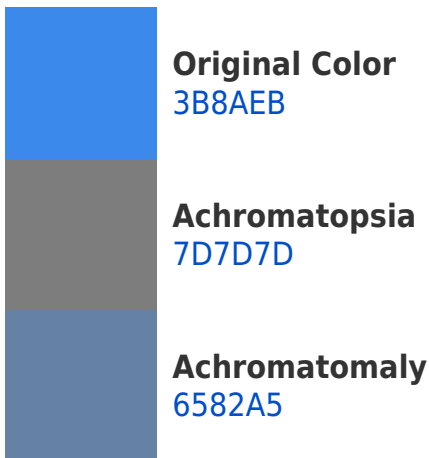


Tritanopia
0098A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8AEB 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 #3B8AEB looks like.

```
.text, #text, p{  
    color:#3B8AEB  
}
```

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 #3B8AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8AEB
}
```

Border

The CSS property to change the border of an element to Hex 3B8AEB 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
#3B8AEB }
```

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

```
.border{ border-color:#3B8AEB }
```

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

Here you see how a box with a 4 pixel #3B8AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8AEB; -webkit-box-shadow:4px 4px  
4px 4px #3B8AEB; box-shadow:4px 4px 4px  
4px #3B8AEB }
```

Background

The CSS property to change the background color of an element to Hex 3B8AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8AEB }
```

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

```
.background{ background-color:#3B8AEB }
```

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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