

# Converting Colors

Hex(8AA8EB)

Have a look what the booklet for  
Hex(8AA8EB) contains.

<b>Hex(8AA8EB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8AA8EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AA8EB
RGB	138, 168, 235
RGB Percent	54%, 66%, 92%
CMY	0.4588, 0.3412, 0.0784
CMYK	0.41, 0.29, 0.00, 0.08
HSL	221°, 71%, 73%
HSV	221°, 41%, 92%
XYZ	39.4793, 39.4067, 84.1227
YIQ	166.6680, -39.3870, 14.4770

# Conversions

## Conversions Part 2

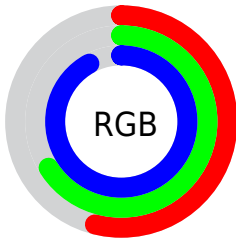
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 161, 235
Decimal	9087211
CIE Lab	69.04, 6.49, -36.89
CIE LCh	69, 37.456, 279.976
Yxy	39.4067, 0.2422, 0.2417
Android (android.graphics.Color)	4287277291 (0xFF8AA8EB)
YUV	166.6680, 33.6877, -25.1418
Hunter-Lab	62.7748, 2.4035, -35.5106

# Details

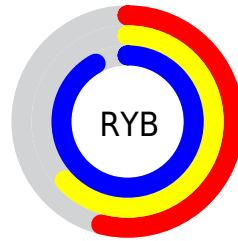
The Hex color **8AA8EB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBCD8A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C2DFFF**, and **5374B3** is the 20% darker color. If you saturate the color by 10%, you get **7398EB**, and if you desaturate by 10%, it is **A2B8EB**.

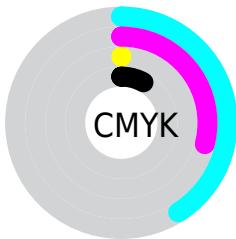
# Distribution



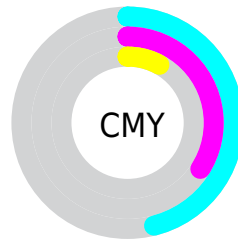
- Red (54%)
- Green (66%)
- Blue (92%)



- Red (54%)
- Yellow (63%)
- Blue (92%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (34%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AA8EB 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 8AA8EB by changing the saturation by 10% instead.



 8AA8EB

 8AA8EB

FFFFFF

 6E8ECF

 C2DFFF

 5374B3

 DFFCFF

 365C98

FDFFFF

 14457E

 002F64

 001B4C

 000335

 00021F

 000002

 8AA8EB

 8AA8EB

 7398EB

 A2B8EB

 5B88EB

 B9C8EB

 4477EB

 D1D9EB

 2C67EB

 E8E9EB

 1557EB

 FFF9EB

 0049EB

 FFFFEB

# Harmonies

## Analogous

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



4EB2E8



8AA8EB



BB9CDD

# Triad

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



8AA8EB



E6947F



64B990

# Complementary

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



8AA8EB



EBCD8A

# 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.



8FB373



8AA8EB



D29F69

# Square

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



8AA8EB



EA8E9E



B4AA65



33BBB3

# Rectangle

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



8AA8EB



D394CB



B4AA65



73B785

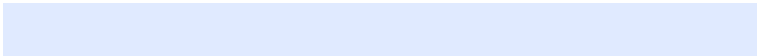


# Sweetspot

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



8AA8EB



E0EAFF



8AEBCC



6E7380



000000



808080



# Same Dimension

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



8AA8EB



80A7FF



9C8AEB



6A6D75



0038B5



001136



# Inverse Universe

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



EB8AA8



FF80A7



D9EB8A



756A6D



B50038



360011



# Previews

## White Background



This preview shows how the Hex color 8AA8EB looks on a white background.

## Color Contrast Check

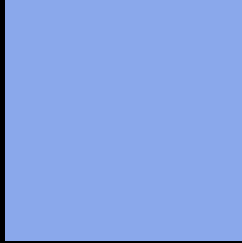
Large Text (above 18pt) WCAG AA × Fail

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 8AA8EB 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 ✓ Pass

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



## Hex 8AA8EB Background



This preview shows how black text looks on a background with the Hex color 8AA8EB.



This preview shows how white text looks on a background with the Hex color 8AA8EB.

# 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



**Original Color**  
8AA8EB

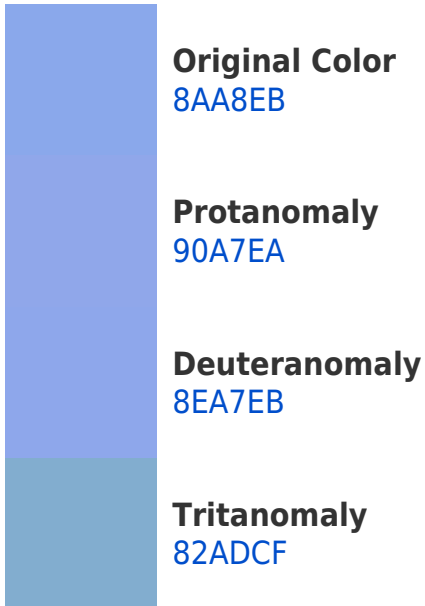
**Protanopia**  
94A6E9

**Deuteranopia**  
91A6EB

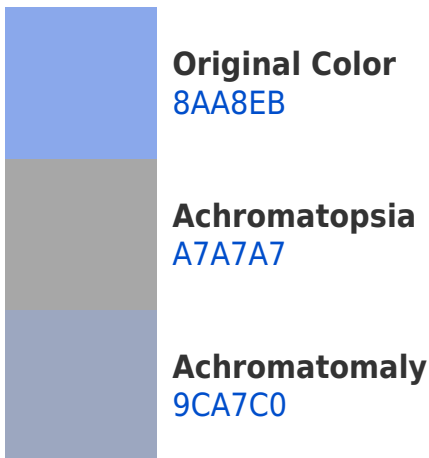


**Tritanopia**  
7EBOBF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AA8EB 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 #8AA8EB looks like.

```
.text, #text, p{  
    color:#8AA8EB  
}
```

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 #8AA8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA8EB
}
```

## Border

The CSS property to change the border of an element to Hex 8AA8EB 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
#8AA8EB }
```

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

```
.border{ border-color:#8AA8EB }
```

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

Here you see how a box with a 4 pixel #8AA8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA8EB; -webkit-box-shadow:4px 4px  
4px 4px #8AA8EB; box-shadow:4px 4px 4px  
4px #8AA8EB }
```

# Background

The CSS property to change the background color of an element to Hex 8AA8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA8EB }
```

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

```
.background{ background-color:#8AA8EB }
```

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