

Converting Colors

Hex(8AA0E8)

Have a look what the booklet for
Hex(8AA0E8) contains.

Hex(8AA0E8)	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(8AA0E8)

Conversions

Conversions Part 1

Format	Color
Hex	8AA0E8
RGB	138, 160, 232
RGB Percent	54%, 63%, 91%
CMY	0.4588, 0.3725, 0.0902
CMYK	0.41, 0.31, 0.00, 0.09
HSL	226°, 67%, 73%
HSV	226°, 41%, 91%
XYZ	37.6175, 36.3711, 81.3816
YIQ	161.6300, -36.2240, 17.7280

Conversions

Conversions Part 2

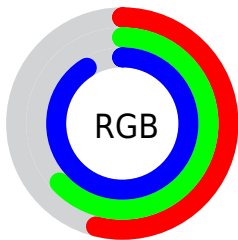
Format	Color
RYB	138, 156, 232
Decimal	9085160
CIELab	66.80, 10.20, -38.74
CIElCh	67, 40.060, 284.744
Yxy	36.3711, 0.2421, 0.2341
Android (android.graphics.Color)	4287275240 (0xFF8AA0E8)
YUV	161.6300, 34.6924, -20.7235
Hunter-Lab	60.3084, 5.8000, -37.7914

Details

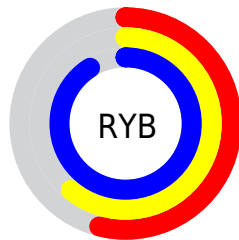
The Hex color **8AA0E8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E8D28A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C2D7FF**, and **536DB0** is the 20% darker color. If you saturate the color by 10%, you get **738EE8**, and if you desaturate by 10%, it is **A1B2E8**.

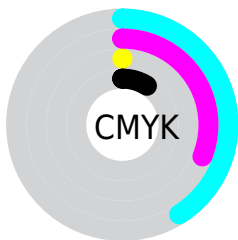
Distribution



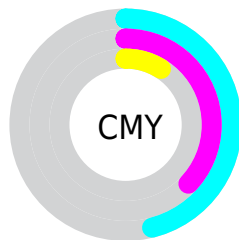
- Red (54%)
- Green (63%)
- Blue (91%)



- Red (54%)
- Yellow (61%)
- Blue (91%)



- Cyan (41%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (46%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AA0E8 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 8AA0E8 by changing the saturation by 10% instead.

■ 8AA0E8

■ 8AA0E8

FFFFFF

■ 6E86CC

■ C2D7FF

■ 536DB0

■ DFF3FF

■ 375595

FDFFFF

■ 163E7B

■ 002862

■ 001549

■ 000432

■ 00021C

■ 000000

■ 8AA0E8

■ 8AA0E8

■ 738EE8

■ A1B2E8

■ 5C7CE8

■ B8C4E8

■ 446BE8

■ D0D5E8

■ 2D59E8

■ E7E7E8

■ 1647E8

■ FEF9E8

■ 0036E8

■ FFFFE8

Harmonies

Analogous

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



45ABE7



8AA0E8



BD93D6

Triad

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



8AA0E8



E08E71



4FB48E

Complementary

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



8AA0E8



E8D28A

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.



80AF6E



8AA0E8



C99A5D

Square

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



8AA0E8



E88692



A8A65B



00B6B4

Rectangle

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



8AA0E8



D48BC2



A8A65B



61B383

Sweetspot

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



8AA0E8



E0E8FF



8AE8D1



6E7280



000000



808080

Same Dimension

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



8AA0E8



829FFF



A28AE8



676A73



002AB3



000C33

Inverse Universe

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



E88AA0



FF829F



D1E88A



73676A



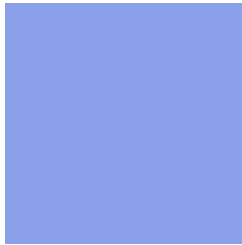
B3002A



33000C

Previews

White Background



This preview shows how the Hex color 8AA0E8 looks on a white background.

Color Contrast Check

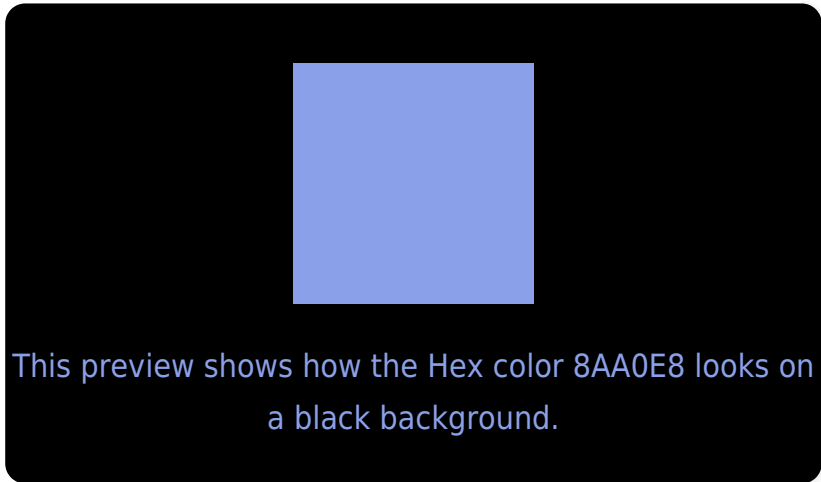
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

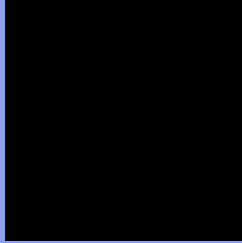
Any Text WCAG AA ✓ Pass

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 8AA0E8 Background



This preview shows how black text looks on a background with the Hex color 8AA0E8.



This preview shows how white text looks on a background with the Hex color 8AA0E8.

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

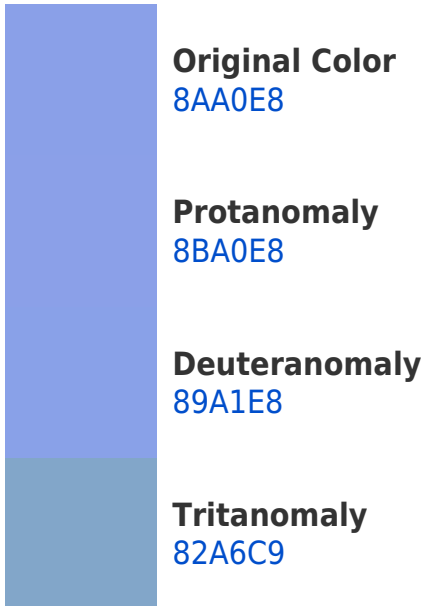


Original Color
8AA0E8

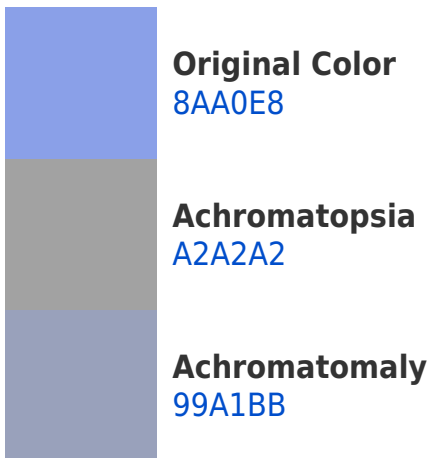
Protanopia
8BA0E8

Deuteranopia
88A1E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8AA0E8 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 #8AA0E8 looks like.

```
.text, #text, p{  
    color:#8AA0E8  
}
```

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 #8AA0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AA0E8  
}
```

Border

The CSS property to change the border of an element to Hex 8AA0E8 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  
#8AA0E8 }
```

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

```
.border{ border-color:#8AA0E8 }
```

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

Here you see how a box with a 4 pixel #8AA0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AA0E8; -webkit-box-shadow:4px 4px  
4px 4px #8AA0E8; box-shadow:4px 4px 4px  
4px #8AA0E8 }
```

Background

The CSS property to change the background color of an element to Hex 8AA0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AA0E8 }
```

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

```
.background{ background-color:#8AA0E8 }
```

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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