

Converting Colors

Hex(8EA5EA)

Have a look what the booklet for
Hex(8EA5EA) contains.

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Color

Hex(8EA5EA)

Conversions

Conversions Part 1

Format	Color
Hex	8EA5EA
RGB	142, 165, 234
RGB Percent	56%, 65%, 92%
CMY	0.4431, 0.3529, 0.0824
CMYK	0.39, 0.29, 0.00, 0.08
HSL	225°, 69%, 74%
HSV	225°, 39%, 92%
XYZ	39.4617, 38.6016, 83.2129
YIQ	165.9890, -35.8570, 16.5830

Conversions

Conversions Part 2

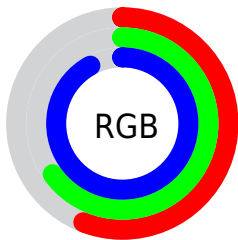
Format	Color
R _Y B	142, 160, 234
Decimal	9348586
CIE Lab	68.46, 8.95, -37.23
CIE LCh	68, 38.291, 283.513
Yxy	38.6016, 0.2447, 0.2394
Android (android.graphics.Color)	4287538666 (0xFF8EA5EA)
YUV	165.9890, 33.5294, -21.0384
Hunter-Lab	62.1302, 4.6459, -35.9179

Details

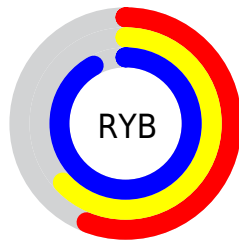
The Hex color **8EA5EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAD38E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C6DCFF**, and **5771B2** is the 20% darker color. If you saturate the color by 10%, you get **7793EA**, and if you desaturate by 10%, it is **A5B7EA**.

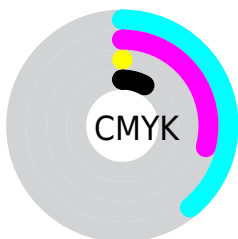
Distribution



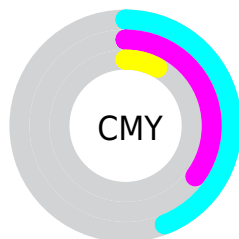
- Red (56%)
- Green (65%)
- Blue (92%)



- Red (56%)
- Yellow (63%)
- Blue (92%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (8%)



- Cyan (44%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA5EA 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 8EA5EA by changing the saturation by 10% instead.

■ 8EA5EA

■ 8EA5EA

FFFFFF

■ 738BCE

■ C6DCFF

■ 5771B2

■ E3F8FF

■ 3C5997

■ 1D427D

■ 002C64

■ 00184B

■ 000334

■ 00021E

■ 000000

 8EA5EA

 8EA5EA

 7793EA

 A5B7EA

 5F82EA

 BDC8EA

 4870EA

 D4DAEA

 305FEA

 ECEBEA

 194DEA

 FFFDEA

 023CEA

 FFFFEA

 003BEA

Harmonies

Analogous

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



50B0E9



8EA5EA



BF98D9

Triad

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



8EA5EA



E49379



5BB892

Complementary

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



8EA5EA



EAD38E

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.



88B374



8EA5EA



CE9E65

Square

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



8EA5EA



EA8C98



AEEA62



22B9B6

Rectangle

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



8EA5EA



D691C6



AEEA62



6BB787

Sweetspot

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



8EA5EA



E0E8FF



8EEAD3



6E7280



000000



808080

Same Dimension

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



8EA5EA



87A5FF



A58EEA



6A6D75



002DB5



000D36

Inverse Universe

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



EA8EA5



FF87A5



D3EA8E



756A6D



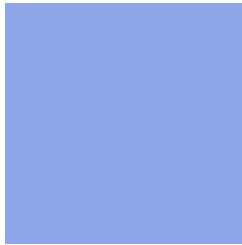
B5002D



36000D

Previews

White Background



This preview shows how the Hex color 8EA5EA looks on a white background.

Color Contrast Check

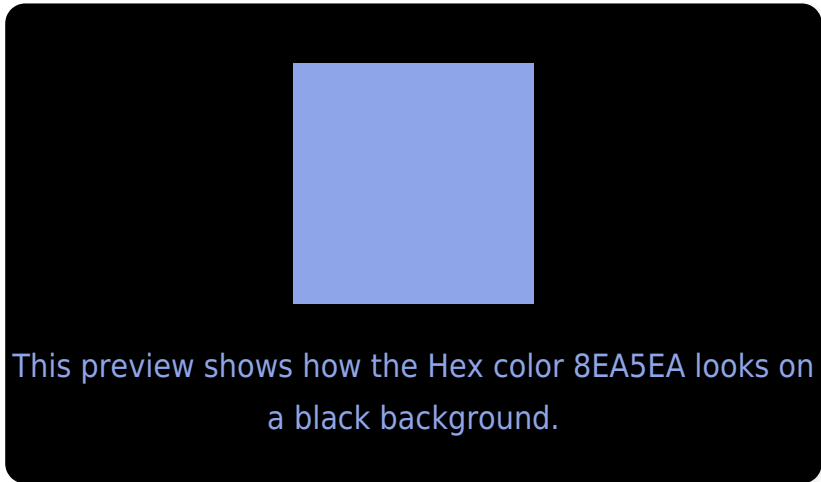
Large Text (above 18pt) WCAG AA × Fail

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

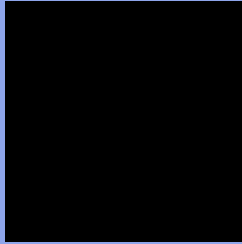
Any Text WCAG AA ✓ Pass

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 8EA5EA Background



This preview shows how black text looks on a background with the Hex color 8EA5EA.



This preview shows how white text looks on a background with the Hex color 8EA5EA.

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
8EA5EA

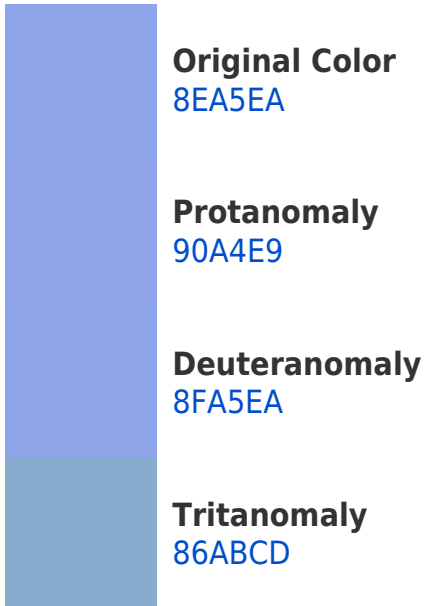
Protanopia
91A4E9

Deuteranopia
8FA5EA

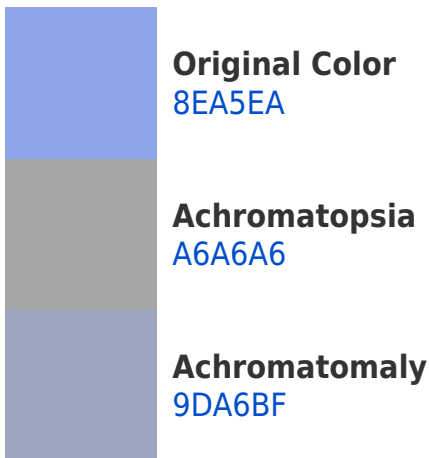


Tritanopia
82AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA5EA 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 #8EA5EA looks like.

```
.text, #text, p{  
    color:#8EA5EA  
}
```

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 #8EA5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA5EA
}
```

Border

The CSS property to change the border of an element to Hex 8EA5EA 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
#8EA5EA }
```

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

```
.border{ border-color:#8EA5EA }
```

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

Here you see how a box with a 4 pixel #8EA5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA5EA; -webkit-box-shadow:4px 4px  
4px 4px #8EA5EA; box-shadow:4px 4px 4px  
4px #8EA5EA }
```

Background

The CSS property to change the background color of an element to Hex 8EA5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA5EA }
```

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

```
.background{ background-color:#8EA5EA }
```

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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