

# Converting Colors

Hex(8EA9CE)

Have a look what the booklet for  
Hex(8EA9CE) contains.

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# **Color**

**Hex(8EA9CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA9CE
RGB	142, 169, 206
RGB Percent	56%, 66%, 81%
CMY	0.4431, 0.3373, 0.1922
CMYK	0.31, 0.18, 0.00, 0.19
HSL	215°, 40%, 68%
HSV	215°, 31%, 81%
XYZ	36.4839, 38.5829, 63.9169
YIQ	165.1450, -27.9690, 5.7830

# Conversions

## Conversions Part 2

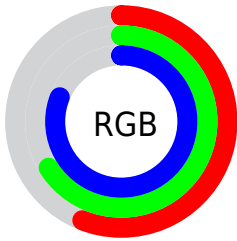
Format	Color
R <sub>Y</sub> B	142, 161, 206
Decimal	9349582
CIE Lab	68.45, -0.62, -21.86
CIE LCh	68, 21.870, 268.367
Yxy	38.5829, 0.2625, 0.2776
Android (android.graphics.Color)	4287539662 (0xFF8EA9CE)
YUV	165.1450, 20.1415, -20.2982
Hunter-Lab	62.1152, -3.8581, -17.5291

# Details

The Hex color **8EA9CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CEB38E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C5E0FF**, and **5A7598** is the 20% darker color. If you saturate the color by 10%, you get **799DCE**, and if you desaturate by 10%, it is **A3B5CE**.

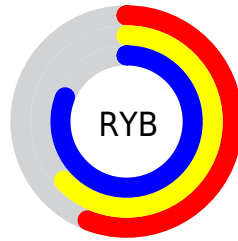
# Distribution



Red (56%)

Green (66%)

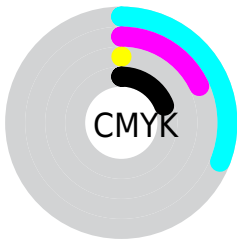
Blue (81%)



Red (56%)

Yellow (63%)

Blue (81%)

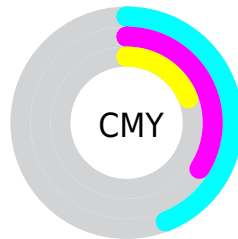


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (34%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA9CE 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 8EA9CE by changing the saturation by 10% instead.



■ 8EA9CE

■ 8EA9CE

FFFFFF

■ 748FB2

■ C5E0FF

■ 5A7598

■ E1FDFF

■ 405D7E

FEFFFF

■ 274565

■ 0A2F4C

■ 001A36

■ 000220

■ 000005

■ 000000

 8EA9CE

 8EA9CE

 799DCE

 A3B5CE

 6591CE

 B7C1CE

 5085CE

 CCCDCE

 3C79CE

 E0D9CE

 276DCE

 F5E5CE

 1262CE

 FFF0CE

 0057CE

 FFFCCE

 FFFFCE

# Harmonies

## Analogous

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



77AFC8



8EA9CE



A9A2CA

# Triad

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



8EA9CE



CF9A95



8BB092

# Complementary

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



8EA9CE



CEB38E

# 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.



A2AB84



8EA9CE



C79F86

# Square

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



8EA9CE



CD99A9



B7A580



78B2A5

# Rectangle

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



8EA9CE



B99EC1



B7A580



92AF8C

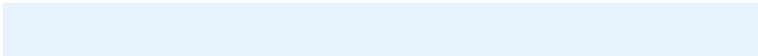


# Sweetspot

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



8EA9CE



E8F2FF



8ECEB2



717780



000000



808080



# Same Dimension

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



8EA9CE



A1C8FF



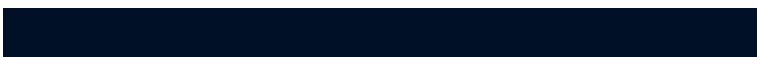
928ECE



5C6066



0046A6



001026



# Inverse Universe

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



CE8EA9



FFA1C8



CACE8E



665C60



A60046

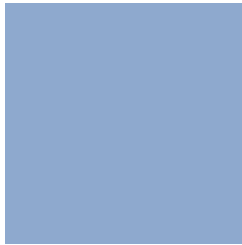


260010



# Previews

## White Background



This preview shows how the Hex color 8EA9CE looks on a white background.

## Color Contrast Check

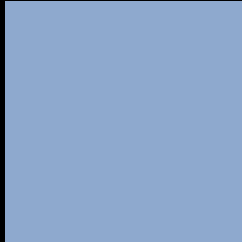
Large Text (above 18pt) WCAG AA × Fail

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 8EA9CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

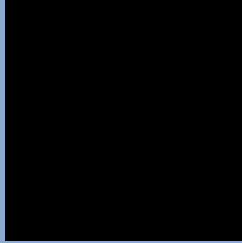
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

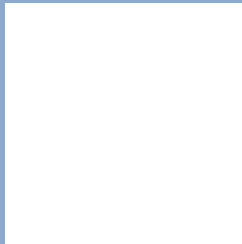
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8EA9CE Background



This preview shows how black text looks on a background with the Hex color 8EA9CE.

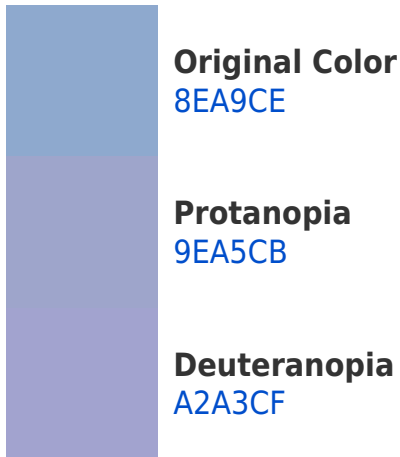


This preview shows how white text looks on a background with the Hex color 8EA9CE.

# Color Blindness Simulation

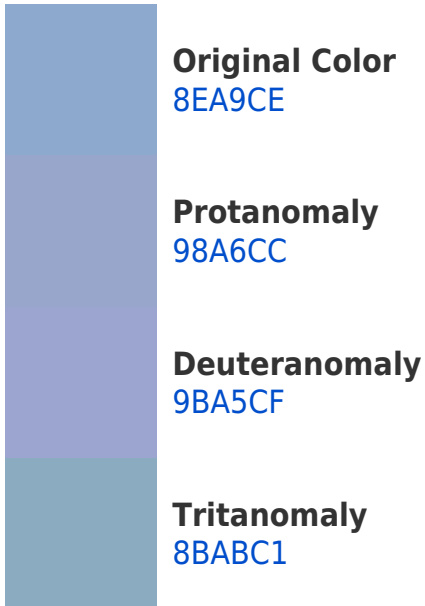
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

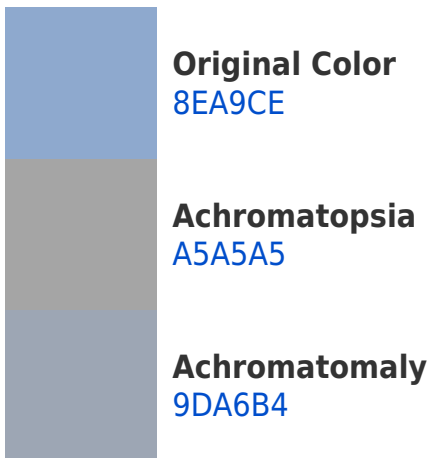




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA9CE 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 #8EA9CE looks like.

```
.text, #text, p{  
    color:#8EA9CE  
}
```

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 #8EA9CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA9CE
}
```

## Border

The CSS property to change the border of an element to Hex 8EA9CE 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
#8EA9CE }
```

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

```
.border{ border-color:#8EA9CE }
```

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

Here you see how a box with a 4 pixel #8EA9CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA9CE; -webkit-box-shadow:4px 4px  
4px 4px #8EA9CE; box-shadow:4px 4px 4px  
4px #8EA9CE }
```

# Background

The CSS property to change the background color of an element to Hex 8EA9CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA9CE }
```

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

```
.background{ background-color:#8EA9CE }
```

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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