

Converting Colors

Hex(9EA7EC)

Have a look what the booklet for
Hex(9EA7EC) contains.

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Color

Hex(9EA7EC)

Conversions

Conversions Part 1

Format	Color
Hex	9EA7EC
RGB	158, 167, 236
RGB Percent	62%, 65%, 93%
CMY	0.3804, 0.3451, 0.0745
CMYK	0.33, 0.29, 0.00, 0.07
HSL	233°, 67%, 77%
HSV	233°, 33%, 93%
XYZ	43.0596, 40.9627, 84.9940
YIQ	172.1750, -27.5130, 19.5510

Conversions

Conversions Part 2

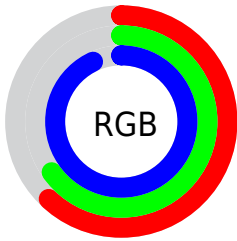
Format	Color
RYB	158, 166, 236
Decimal	10397676
CIELab	70.15, 12.68, -35.62
CIELCh	70, 37.806, 289.595
Yxy	40.9627, 0.2548, 0.2424
Android (android.graphics.Color)	4288587756 (0xFF9EA7EC)
YUV	172.1750, 31.4657, -12.4315
Hunter-Lab	64.0021, 8.0883, -33.9349

Details

The Hex color **9EA7EC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ECE39E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D6DEFF**, and **6873B4** is the 20% darker color. If you saturate the color by 10%, you get **8692EC**, and if you desaturate by 10%, it is **B6BCEC**.

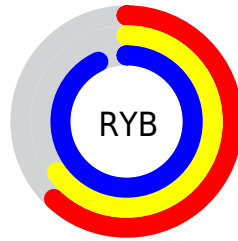
Distribution



Red (62%)

Green (65%)

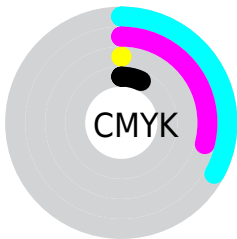
Blue (93%)



Red (62%)

Yellow (65%)

Blue (93%)

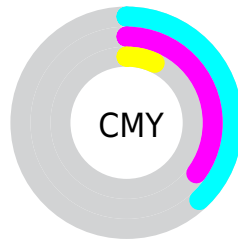


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (38%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EA7EC 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 9EA7EC by changing the saturation by 10% instead.

■ 9EA7EC

■ 9EA7EC

FFFFFF

■ 838DD0

■ D6DEFF

■ 6873B4

■ F3FBFF

■ 4E5B99

■ 33437F

■ 152E65

■ 00194D

■ 000036

■ 000220

■ 000003

 9EA7EC

 9EA7EC

 8692EC

 B6BCEC

 6F7DEC

 CDD1EC

 5768EC

 E5E6EC

 4053EC

 FCFBEC

 283FEC

 FFFFEC

 102AEC

 001BEC

Harmonies

Analogous

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



65B2EE



9EA7EC



CB9BD8

Triad

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



9EA7EC



E59A79



58BD9E

Complementary

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



9EA7EC



ECE39E

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.



84B97E



9EA7EC



CDA568

Square

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



9EA7EC



EF9296



ABB06A



25BEC1

Rectangle

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



9EA7EC



E094C4



ABB06A



67BC92

Sweetspot

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



9EA7EC



E6E8FF



9EECE3



707280



000000



808080

Same Dimension

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



9EA7EC



99A5FF



BC9EEC



6A6B75



0015B5



000636

Inverse Universe

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



EC9EA7



FF99A5



CEEC9E



756A6B



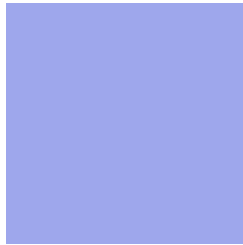
B50015



360006

Previews

White Background



This preview shows how the Hex color 9EA7EC looks on a white background.

Color Contrast Check

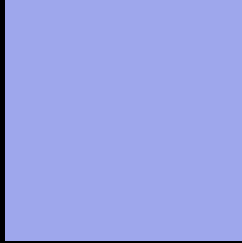
Large Text (above 18pt) WCAG AA × Fail

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 9EA7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

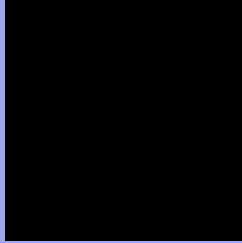
Any Text WCAG AA ✓ Pass

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 9EA7EC Background



This preview shows how black text looks on a background with the Hex color 9EA7EC.



This preview shows how white text looks on a background with the Hex color 9EA7EC.

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](#).

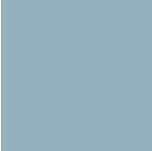
Dichromacy



Original Color
9EA7EC

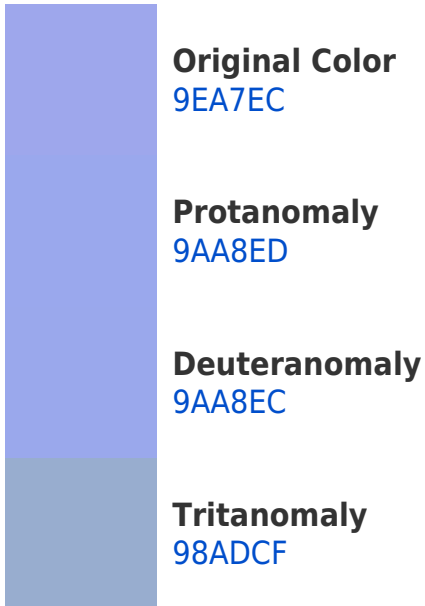
Protanopia
97A9ED

Deuteranopia
97A9EC

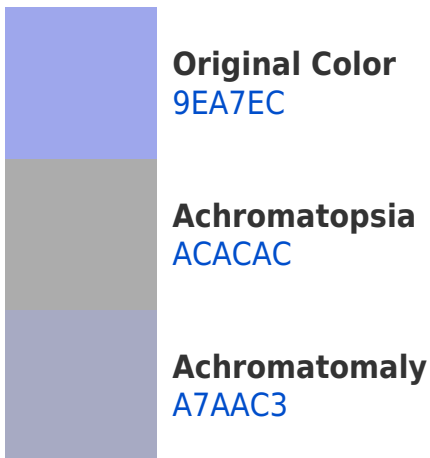


Tritanopia
94B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EA7EC 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 #9EA7EC looks like.

```
.text, #text, p{  
    color:#9EA7EC  
}
```

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 #9EA7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EA7EC  
}
```

Border

The CSS property to change the border of an element to Hex 9EA7EC 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  
#9EA7EC }
```

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

```
.border{ border-color:#9EA7EC }
```

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

Here you see how a box with a 4 pixel #9EA7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EA7EC; -webkit-box-shadow:4px 4px  
4px 4px #9EA7EC; box-shadow:4px 4px 4px  
4px #9EA7EC }
```

Background

The CSS property to change the background color of an element to Hex 9EA7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EA7EC }
```

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

```
.background{ background-color:#9EA7EC }
```

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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