

Converting Colors

Hex(9EB1EA)

Have a look what the booklet for
Hex(9EB1EA) contains.

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Color

Hex(9EB1EA)

Conversions

Conversions Part 1

Format	Color
Hex	9EB1EA
RGB	158, 177, 234
RGB Percent	62%, 69%, 92%
CMY	0.3804, 0.3059, 0.0824
CMYK	0.32, 0.24, 0.00, 0.08
HSL	225°, 64%, 77%
HSV	225°, 32%, 92%
XYZ	44.6740, 44.6539, 84.1064
YIQ	177.8170, -29.6210, 13.6990

Conversions

Conversions Part 2

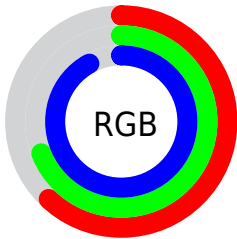
Format	Color
R _Y B	158, 173, 234
Decimal	10400234
CIE Lab	72.66, 6.58, -30.64
CIE LCh	73, 31.339, 282.129
Yxy	44.6539, 0.2576, 0.2575
Android (android.graphics.Color)	4288590314 (0xFF9EB1EA)
YUV	177.8170, 27.6982, -17.3795
Hunter-Lab	66.8236, 2.3925, -27.8479

Details

The Hex color **9EB1EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAD79E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D6E9FF**, and **687DB2** is the 20% darker color. If you saturate the color by 10%, you get **879FEA**, and if you desaturate by 10%, it is **B5C3EA**.

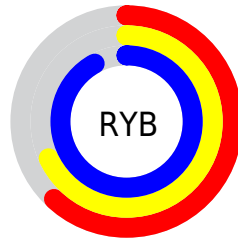
Distribution



Red (62%)

Green (69%)

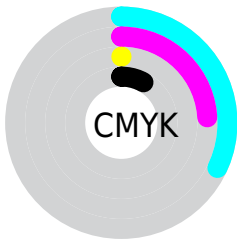
Blue (92%)



Red (62%)

Yellow (68%)

Blue (92%)

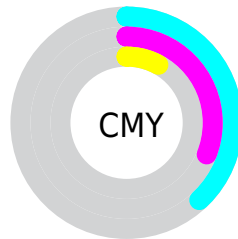


Cyan (32%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (38%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EB1EA 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 9EB1EA by changing the saturation by 10% instead.

 9EB1EA

 9EB1EA

FFFFFF

 8396CE

 D6E9FF

 687DB2

 F3FFFF

 4E6497

 344C7D

 173664

 00214C

 000935

 00021F

 000002

 9EB1EA

 9EB1EA

 879FEA

 B5C3EA

 6F8EEA

 CDD4EA

 587CEA

 E4E6EA

 406BEA

 FCF7EA

 2959EA

 FFFFEA

 1248EA

 003BEA

Harmonies

Analogous

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



74BAE8



9EB1EA



C5A7DD

Triad

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



9EB1EA



E7A28D



79C1A0

Complementary

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



9EB1EA



EAD79E

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.



9BBC87



9EB1EA



D6AB7C

Square

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



9EB1EA



EB9DA8



BBB47A



5DC2BD

Rectangle

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



9EB1EA



D9A1CE



BBB47A



84C097

Sweetspot

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



9EB1EA



E6ECFF



9EEAD7



707480



000000



808080

Same Dimension

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



9EB1EA



9CB4FF



B19EEA



6A6D75



002DB5



000D36

Inverse Universe

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



EA9EB1



FF9CB4



D7EA9E



756A6D



B5002D



36000D

Previews

White Background



This preview shows how the Hex color 9EB1EA looks on a white background.

Color Contrast Check

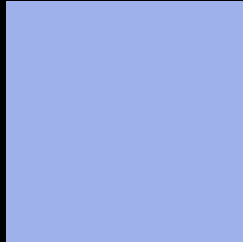
Large Text (above 18pt) WCAG AA × Fail

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 9EB1EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

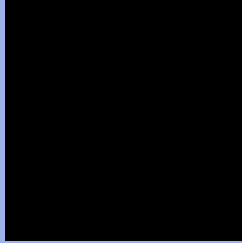
Any Text WCAG AA ✓ Pass

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 9EB1EA Background



This preview shows how black text looks on a background with the Hex color 9EB1EA.



This preview shows how white text looks on a background with the Hex color 9EB1EA.

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
9EB1EA

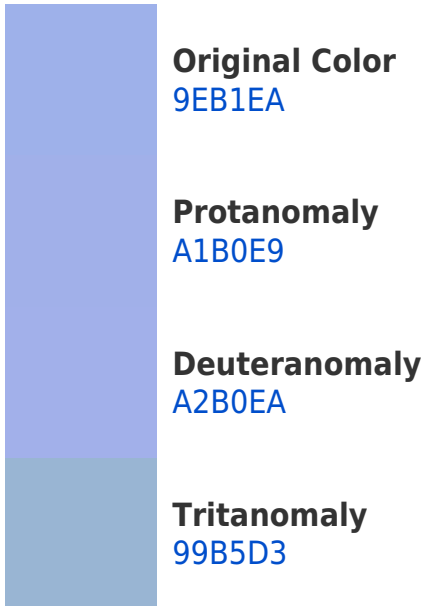
Protanopia
A2B0E9

Deuteranopia
A5AFE4

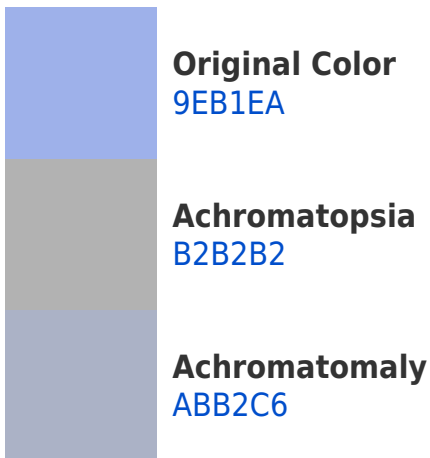


Tritanopia
96B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9EB1EA 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 #9EB1EA looks like.

```
.text, #text, p{  
    color:#9EB1EA  
}
```

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 #9EB1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EB1EA
}
```

Border

The CSS property to change the border of an element to Hex 9EB1EA 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
#9EB1EA }
```

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

```
.border{ border-color:#9EB1EA }
```

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

Here you see how a box with a 4 pixel #9EB1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EB1EA; -webkit-box-shadow:4px 4px  
4px 4px #9EB1EA; box-shadow:4px 4px 4px  
4px #9EB1EA }
```

Background

The CSS property to change the background color of an element to Hex 9EB1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EB1EA }
```

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

```
.background{ background-color:#9EB1EA }
```

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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