

# Converting Colors

Hex(91A8EA)

Have a look what the booklet for  
Hex(91A8EA) contains.

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# **Color**

**Hex(91A8EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A8EA
RGB	145, 168, 234
RGB Percent	57%, 66%, 92%
CMY	0.4314, 0.3412, 0.0824
CMYK	0.38, 0.28, 0.00, 0.08
HSL	224°, 68%, 74%
HSV	224°, 38%, 92%
XYZ	40.5310, 39.9655, 83.4198
YIQ	168.6470, -34.8940, 15.6500

# Conversions

## Conversions Part 2

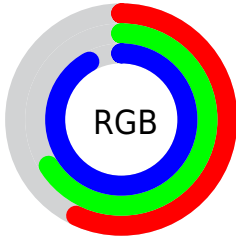
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 163, 234
Decimal	9545962
CIE Lab	69.44, 8.05, -35.69
CIE LCh	69, 36.584, 282.708
Yxy	39.9655, 0.2473, 0.2438
Android (android.graphics.Color)	4287736042 (0xFF91A8EA)
YUV	168.6470, 32.2190, -20.7384
Hunter-Lab	63.2183, 3.8092, -33.9834

# Details

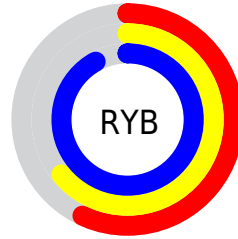
The Hex color **91A8EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAD391**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C9DFFF**, and **5B74B2** is the 20% darker color. If you saturate the color by 10%, you get **7A97EA**, and if you desaturate by 10%, it is **A8B9EA**.

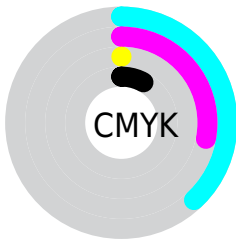
# Distribution



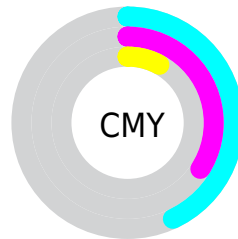
- Red (57%)
- Green (66%)
- Blue (92%)



- Red (57%)
- Yellow (64%)
- Blue (92%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (34%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A8EA 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 91A8EA by changing the saturation by 10% instead.



 91A8EA

 91A8EA

FFFFFF

 768ECE

 C9DFFF

 5B74B2

 E6FCFF

 3F5C97

 22457D

 002F64

 001A4B

 000034

 00021E

 000001

■ 91A8EA

■ 91A8EA

■ 7A97EA

■ A8B9EA

■ 6285EA

■ C0CBEA

■ 4B74EA

■ D7DCEA

■ 3363EA

■ EFEDEA

■ 1C51EA

■ FFFFEA

■ 0540EA

■ 003CEA

# Harmonies

## Analogous

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



59B2E8



91A8EA



BF9CDA

# Triad

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



91A8EA



E5967E



64BA95

# Complementary

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



91A8EA



EAD391

# 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.



8DB578



91A8EA



D0A16B

# Square

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



91A8EA



EB909D



B2AC68



37BBB7

# Rectangle

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



91A8EA



D695C9



B2AC68



72B98A



# Sweetspot

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



91A8EA



E3EAFF



91EAD2



6F7380



000000



808080



# Same Dimension

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



91A8EA



8AA8FF



A691EA



6A6D75



002FB5



000E36



# Inverse Universe

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



EA91A8



FF8AA8



D5EA91



756A6D



B5002F

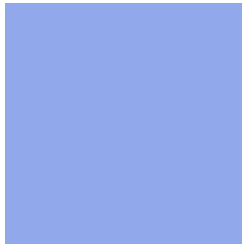


36000E



# Previews

## White Background



This preview shows how the Hex color 91A8EA looks on a white background.

## Color Contrast Check

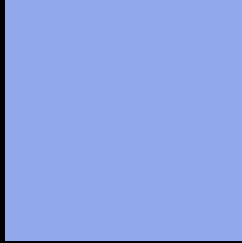
Large Text (above 18pt) WCAG AA × Fail

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 91A8EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

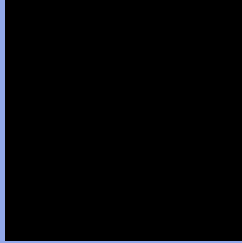
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91A8EA Background



This preview shows how black text looks on a background with the Hex color 91A8EA.



This preview shows how white text looks on a background with the Hex color 91A8EA.

# 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**  
91A8EA

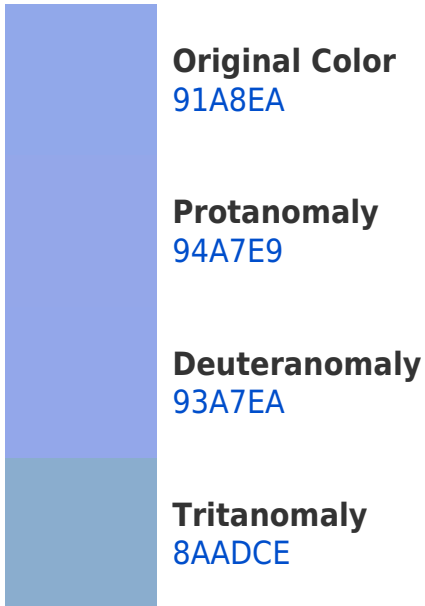
**Protanopia**  
96A7E9

**Deuteranopia**  
94A7EA

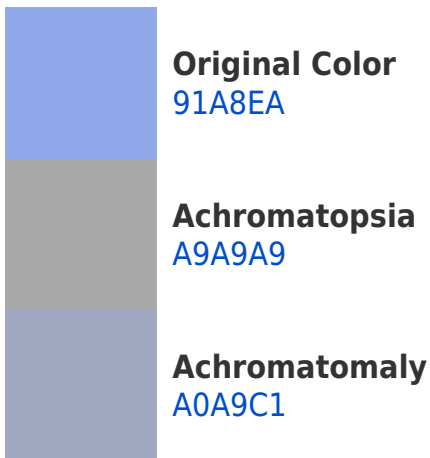


**Tritanopia**  
86B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A8EA 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 #91A8EA looks like.

```
.text, #text, p{  
    color:#91A8EA  
}
```

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 #91A8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A8EA
}
```

## Border

The CSS property to change the border of an element to Hex 91A8EA 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
#91A8EA }
```

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

```
.border{ border-color:#91A8EA }
```

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

Here you see how a box with a 4 pixel #91A8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A8EA; -webkit-box-shadow:4px 4px  
4px 4px #91A8EA; box-shadow:4px 4px 4px  
4px #91A8EA }
```

# Background

The CSS property to change the background color of an element to Hex 91A8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A8EA }
```

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

```
.background{ background-color:#91A8EA }
```

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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