

# Converting Colors

Hex(9AA3EA)

Have a look what the booklet for  
Hex(9AA3EA) contains.

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# **Color**

**Hex(9AA3EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AA3EA
RGB	154, 163, 234
RGB Percent	60%, 64%, 92%
CMY	0.3961, 0.3608, 0.0824
CMYK	0.34, 0.30, 0.00, 0.08
HSL	233°, 66%, 76%
HSV	233°, 34%, 92%
XYZ	41.2749, 39.0049, 83.1952
YIQ	168.4030, -28.1550, 20.1730

# Conversions

## Conversions Part 2

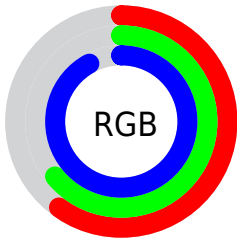
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 162, 234</a>
Decimal	<a href="#">10134506</a>
CIELab	<a href="#">68.75, 13.31, -36.71</a>
CIELCh	<a href="#">69, 39.052, 289.929</a>
Yxy	<a href="#">39.0049, 0.2525, 0.2386</a>
Android (android.graphics.Color)	<a href="#">4288324586</a> ( <a href="#">0xFF9AA3EA</a> )
YUV	<a href="#">168.4030, 32.3393, -12.6314</a>
Hunter-Lab	<a href="#">62.4539, 8.6737, -35.2628</a>

# Details

The Hex color **9AA3EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAE19A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2DAFF**, and **6470B2** is the 20% darker color. If you saturate the color by 10%, you get **838EEA**, and if you desaturate by 10%, it is **B1B8EA**.

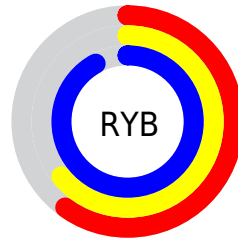
# Distribution



Red (60%)

Green (64%)

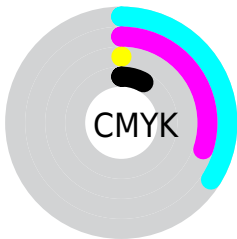
Blue (92%)



Red (60%)

Yellow (64%)

Blue (92%)

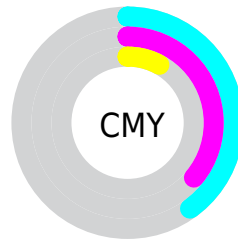


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (36%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AA3EA 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 9AA3EA by changing the saturation by 10% instead.



■ 9AA3EA

■ 9AA3EA

FFFFFF

■ 7F89CE

■ D2DAFF

■ 6470B2

■ EFF6FF

■ 495797

■ 2E407D

■ 0E2A64

■ 00174B

■ 000034

■ 00021E

■ 000000

■ 9AA3EA

■ 9AA3EA

■ 838EEA

■ B1B8EA

■ 6B79EA

■ C9CDEA

■ 5465EA

■ E0E1EA

■ 3C50EA

■ F8F6EA

■ 253BEA

■ FFFFEA

■ 0E26EA

■ 001AEA

# Harmonies

## Analogous

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



5DAFED



9AA3EA



C896D6

# Triad

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



9AA3EA



E29573



4FBA9A

# Complementary

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



9AA3EA



EAE19A

# 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.



7EB579



9AA3EA



C9A262

# Square

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



9AA3EA



EC8D91



A7AD64



00BABF

# Rectangle

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



9AA3EA



DD8FC1



A7AD64



60B98E



# Sweetspot

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



9AA3EA



E6E8FF



9AEAE1



707280



000000



808080



# Same Dimension

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



9AA3EA



96A2FF



B99AEA



6A6B75



0014B5



000636



# Inverse Universe

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



EA9AA3



FF96A2



CBEA9A



756A6B



B50014

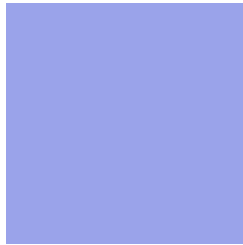


360006



# Previews

## White Background



This preview shows how the Hex color 9AA3EA looks on a white background.

## Color Contrast Check

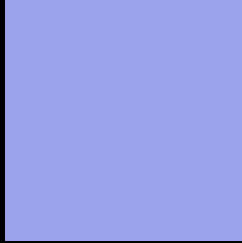
Large Text (above 18pt) WCAG AA × Fail

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 9AA3EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

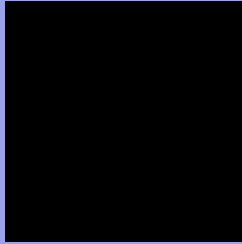
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9AA3EA Background



This preview shows how black text looks on a background with the Hex color 9AA3EA.



This preview shows how white text looks on a background with the Hex color 9AA3EA.

# 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



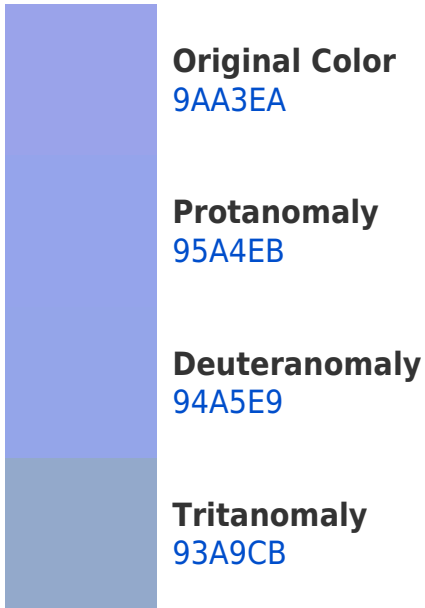
**Original Color**  
9AA3EA

**Protanopia**  
92A5EC

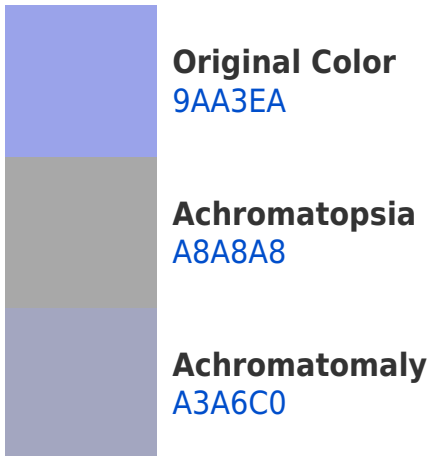
**Deuteranopia**  
91A6E9



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AA3EA 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 #9AA3EA looks like.

```
.text, #text, p{  
    color:#9AA3EA  
}
```

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 #9AA3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA3EA
}
```

## Border

The CSS property to change the border of an element to Hex 9AA3EA 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
#9AA3EA }
```

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

```
.border{ border-color:#9AA3EA }
```

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

Here you see how a box with a 4 pixel #9AA3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA3EA; -webkit-box-shadow:4px 4px  
4px 4px #9AA3EA; box-shadow:4px 4px 4px  
4px #9AA3EA }
```

# Background

The CSS property to change the background color of an element to Hex 9AA3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA3EA }
```

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

```
.background{ background-color:#9AA3EA }
```

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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