

Converting Colors

Hex(9AA6EA)

Have a look what the booklet for
Hex(9AA6EA) contains.

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Color

Hex(9AA6EA)

Conversions

Conversions Part 1

Format	Color
Hex	9AA6EA
RGB	154, 166, 234
RGB Percent	60%, 65%, 92%
CMY	0.3961, 0.3490, 0.0824
CMYK	0.34, 0.29, 0.00, 0.08
HSL	231°, 66%, 76%
HSV	231°, 34%, 92%
XYZ	41.8139, 40.0830, 83.3749
YIQ	170.1640, -28.9800, 18.6040

Conversions

Conversions Part 2

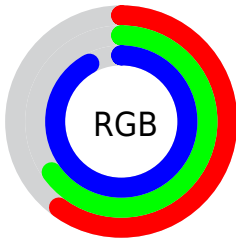
Format	Color
RYB	154, 164, 234
Decimal	10135274
CIELab	69.53, 11.62, -35.51
CIELCh	70, 37.362, 288.115
Yxy	40.0830, 0.2530, 0.2425
Android (android.graphics.Color)	4288325354 (0xFF9AA6EA)
YUV	170.1640, 31.4711, -14.1758
Hunter-Lab	63.3111, 7.0962, -33.7616

Details

The Hex color **9AA6EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EADE9A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **D2DDFF**, and **6472B2** is the 20% darker color. If you saturate the color by 10%, you get **8392EA**, and if you desaturate by 10%, it is **B1BAEA**.

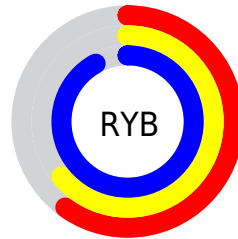
Distribution



Red (60%)

Green (65%)

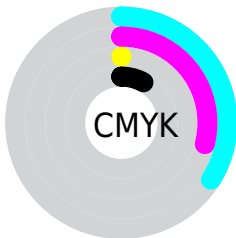
Blue (92%)



Red (60%)

Yellow (64%)

Blue (92%)

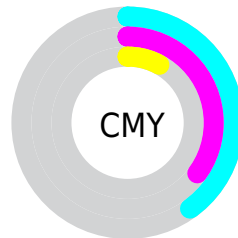


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AA6EA 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 9AA6EA by changing the saturation by 10% instead.

■ 9AA6EA

■ 9AA6EA

FFFFFF

■ 7F8CCE

■ D2DDFF

■ 6472B2

■ EFF9FF

■ 495A97

■ 2E437D

■ 0E2D64

■ 00194B

■ 000034

■ 00021E

■ 000001

 9AA6EA

 9AA6EA

 8392EA

 B1BAEA

 6B7EEA

 C9CEEA

 546AEA

 E0E2EA

 3C56EA

 F8F6EA

 2543EA

 FFFFEA

 0E2FEA

 0023EA

Harmonies

Analogous

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



61B1EB



9AA6EA



C79AD7

Triad

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



9AA6EA



E39879



59BB9B

Complementary

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



9AA6EA



EADE9A

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.



85B67B



9AA6EA



CCA368

Square

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



9AA6EA



EC9096



ACAE68



29BCBE

Rectangle

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



9AA6EA



DC93C4



ACAE68



69BA8F

Sweetspot

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



9AA6EA



E6E9FF



9AEADE



707280



000000



808080

Same Dimension

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



9AA6EA



96A6FF



B69AEA



6A6B75



001BB5



000836

Inverse Universe

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



EA9AA6



FF96A6



CEEA9A



756A6B



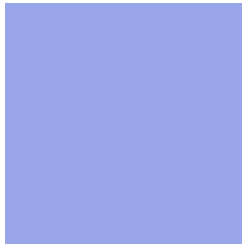
B5001B



360008

Previews

White Background



This preview shows how the Hex color 9AA6EA looks on a white background.

Color Contrast Check

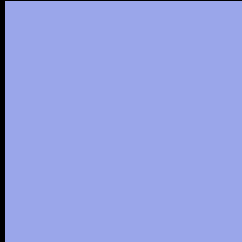
Large Text (above 18pt) WCAG AA × Fail

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 9AA6EA 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 9AA6EA Background



This preview shows how black text looks on a background with the Hex color 9AA6EA.



This preview shows how white text looks on a background with the Hex color 9AA6EA.

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
9AA6EA

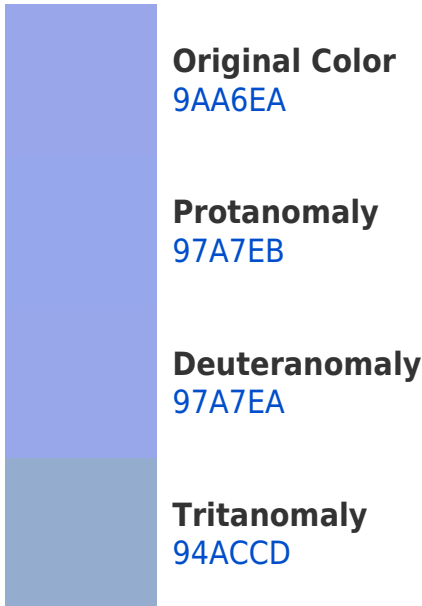
Protanopia
95A7EB

Deuteranopia
95A7EA

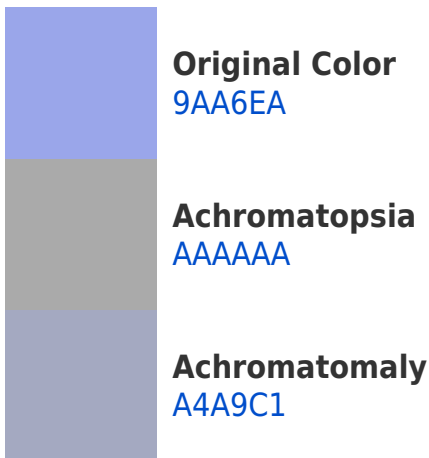


Tritanopia
90AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AA6EA 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 #9AA6EA looks like.

```
.text, #text, p{  
    color:#9AA6EA  
}
```

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 #9AA6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AA6EA
}
```

Border

The CSS property to change the border of an element to Hex 9AA6EA 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
#9AA6EA }
```

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

```
.border{ border-color:#9AA6EA }
```

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

Here you see how a box with a 4 pixel #9AA6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AA6EA; -webkit-box-shadow:4px 4px  
4px 4px #9AA6EA; box-shadow:4px 4px 4px  
4px #9AA6EA }
```

Background

The CSS property to change the background color of an element to Hex 9AA6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AA6EA }
```

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

```
.background{ background-color:#9AA6EA }
```

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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