

Converting Colors

Hex(96A8EA)

Have a look what the booklet for
Hex(96A8EA) contains.

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Color

Hex(96A8EA)

Conversions

Conversions Part 1

Format	Color
Hex	96A8EA
RGB	150, 168, 234
RGB Percent	59%, 66%, 92%
CMY	0.4118, 0.3412, 0.0824
CMYK	0.36, 0.28, 0.00, 0.08
HSL	227°, 67%, 75%
HSV	227°, 36%, 92%
XYZ	41.4316, 40.4298, 83.4620
YIQ	170.1420, -31.9140, 16.7100

Conversions

Conversions Part 2

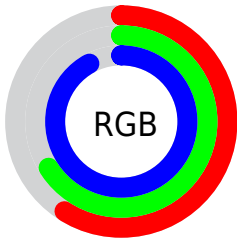
Format	Color
R_{YB}	150, 165, 234
Decimal	9873642
CIE Lab	69.77, 9.39, -35.15
CIE LCh	70, 36.384, 284.963
Yxy	40.4298, 0.2506, 0.2445
Android (android.graphics.Color)	4288063722 (0xFF96A8EA)
YUV	170.1420, 31.4820, -17.6645
Hunter-Lab	63.5844, 5.0378, -33.3159

Details

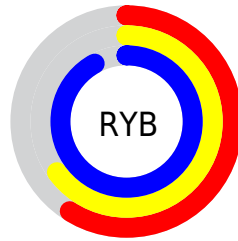
The Hex color **96A8EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EAD896**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CEDFFF**, and **6074B2** is the 20% darker color. If you saturate the color by 10%, you get **7F96EA**, and if you desaturate by 10%, it is **ADBAEA**.

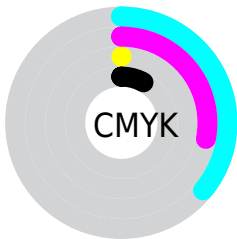
Distribution



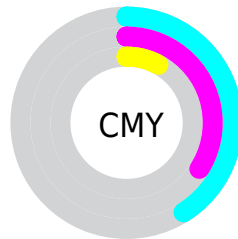
- Red (59%)
- Green (66%)
- Blue (92%)



- Red (59%)
- Yellow (65%)
- Blue (92%)



- Cyan (36%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (41%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A8EA 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 96A8EA by changing the saturation by 10% instead.

■ 96A8EA

FFFFFF

■ CEDFFF

■ EBFCFF

■ 96A8EA

■ 7B8ECE

■ 6074B2

■ 455C97

■ 29447D

■ 042F64

■ 001A4B

■ 000035

■ 00021E

■ 000001

■ 96A8EA

■ 96A8EA

■ 7F96EA

■ ADBAEA

■ 6783EA

■ C5CDEA

■ 5071EA

■ DCDFEA

■ 385EEA

■ F4F2EA

■ 214CEA

■ FFFFEA

■ 0A3AEA

■ 0032EA

Harmonies

Analogous

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



5FB3EA



96A8EA



C39CD9

Triad

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



96A8EA



E4987D



62BB98

Complementary

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



96A8EA



EAD896

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.



8BB67B



96A8EA



CFA36B

Square

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



96A8EA



EB919B



B0AE6A



36BCBA

Rectangle

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



96A8EA



D995C7



B0AE6A



70BA8D

Sweetspot

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



96A8EA



E3E9FF



96EAD8



6F7280



000000



808080

Same Dimension

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



96A8EA



91A9FF



AE96EA



6A6C75



0027B5



000B36

Inverse Universe

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



EA96A8



FF91A9



D2EA96



756A6C



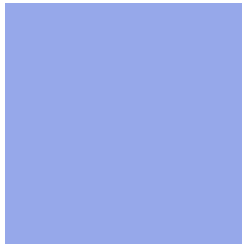
B50027



36000B

Previews

White Background



This preview shows how the Hex color 96A8EA looks on a white background.

Color Contrast Check

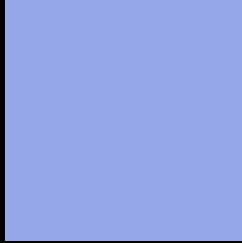
Large Text (above 18pt) WCAG AA × Fail

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 96A8EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

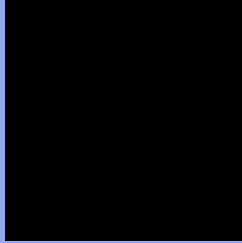
Any Text WCAG AA ✓ Pass

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 96A8EA Background



This preview shows how black text looks on a background with the Hex color 96A8EA.



This preview shows how white text looks on a background with the Hex color 96A8EA.

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
96A8EA

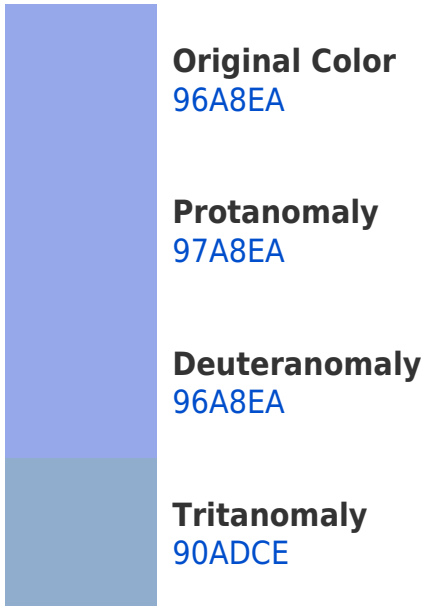
Protanopia
97A8EA

Deuteranopia
96A8EA

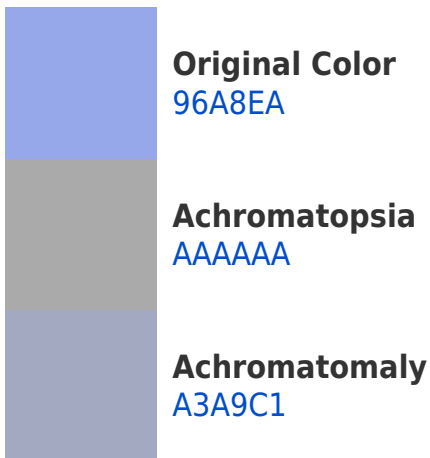


Tritanopia
8CB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A8EA 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 #96A8EA looks like.

```
.text, #text, p{  
    color:#96A8EA  
}
```

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 #96A8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A8EA
}
```

Border

The CSS property to change the border of an element to Hex 96A8EA 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
#96A8EA }
```

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

```
.border{ border-color:#96A8EA }
```

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

Here you see how a box with a 4 pixel #96A8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A8EA; -webkit-box-shadow:4px 4px  
4px 4px #96A8EA; box-shadow:4px 4px 4px  
4px #96A8EA }
```

Background

The CSS property to change the background color of an element to Hex 96A8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A8EA }
```

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

```
.background{ background-color:#96A8EA }
```

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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