

Converting Colors

Hex(94A0EA)

Have a look what the booklet for
Hex(94A0EA) contains.

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Color

Hex(94A0EA)

Conversions

Conversions Part 1

Format	Color
Hex	94A0EA
RGB	148, 160, 234
RGB Percent	58%, 63%, 92%
CMY	0.4196, 0.3725, 0.0824
CMYK	0.37, 0.32, 0.00, 0.08
HSL	232°, 67%, 75%
HSV	232°, 37%, 92%
XYZ	39.6348, 37.3780, 82.9676
YIQ	164.8480, -30.9060, 20.4700

Conversions

Conversions Part 2

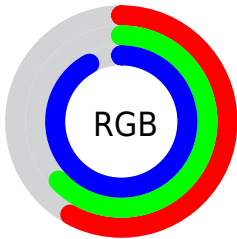
Format	Color
R _Y B	148, 159, 234
Decimal	9740522
CIE Lab	67.56, 13.38, -38.61
CIE LCh	68, 40.859, 289.114
Yxy	37.3780, 0.2477, 0.2336
Android (android.graphics.Color)	4287930602 (0xFF94A0EA)
YUV	164.8480, 34.0919, -14.7757
Hunter-Lab	61.1376, 8.7289, -37.6640

Details

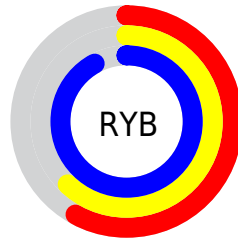
The Hex color **94A0EA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EADE94**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CCD7FF**, and **5E6DB2** is the 20% darker color. If you saturate the color by 10%, you get **7D8CEA**, and if you desaturate by 10%, it is **ABB4EA**.

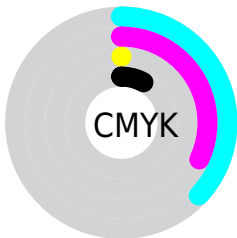
Distribution



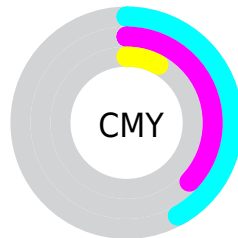
- Red (58%)
- Green (63%)
- Blue (92%)



- Red (58%)
- Yellow (62%)
- Blue (92%)



- Cyan (37%)
- Magenta (32%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (37%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94A0EA 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 94A0EA by changing the saturation by 10% instead.

■ 94A0EA

■ 94A0EA

FFFFFF

■ 7986CE

■ CCD7FF

■ 5E6DB2

■ E9F3FF

■ 435597

■ 263E7D

■ 002863

■ 00154B

■ 000234

■ 00021E

■ 000000

■ 94A0EA

■ 94A0EA

■ 7D8CEA

■ ABB4EA

■ 6578EA

■ C3C8EA

■ 4E64EA

■ DADCEA

■ 364FEA

■ F2F1EA

■ 1F3BEA

■ FFFFEA

■ 0827EA

■ 0021EA

Harmonies

Analogous

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



50ACEC



94A0EA



C592D5

Triad

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



94A0EA



E1916E



46B795

Complementary

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



94A0EA



EAD994

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.



7AB273



94A0EA



C89E5C

Square

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



94A0EA



EC888E



A4AA5D



00B8BB

Rectangle

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



94A0EA



DC8BC0



A4AA5D



59B689

Sweetspot

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



94A0EA



E3E7FF



94EADD



6F7180



000000



808080

Same Dimension

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



94A0EA



8F9EFF



B294EA



6A6B75



0019B5



000736

Inverse Universe

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



EA94A0



FF8F9E



CCEA94



756A6B



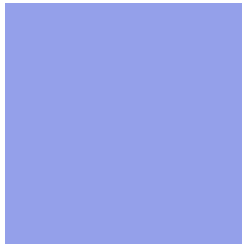
B50019



360007

Previews

White Background



This preview shows how the Hex color 94A0EA looks on a white background.

Color Contrast Check

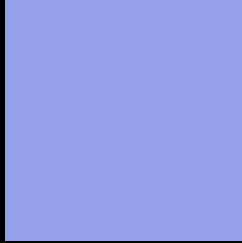
Large Text (above 18pt) WCAG AA × Fail

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 94A0EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

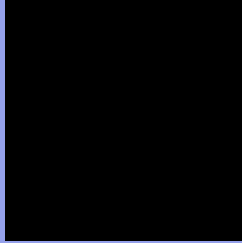
Any Text WCAG AA ✓ Pass

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 94A0EA Background



This preview shows how black text looks on a background with the Hex color 94A0EA.



This preview shows how white text looks on a background with the Hex color 94A0EA.

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
94A0EA

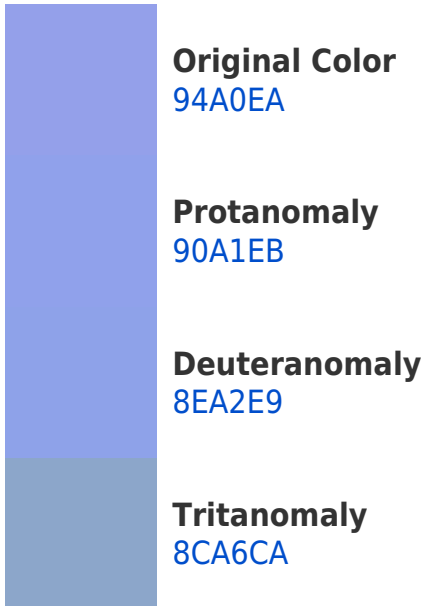
Protanopia
8DA2EB

Deuteranopia
8BA3E9

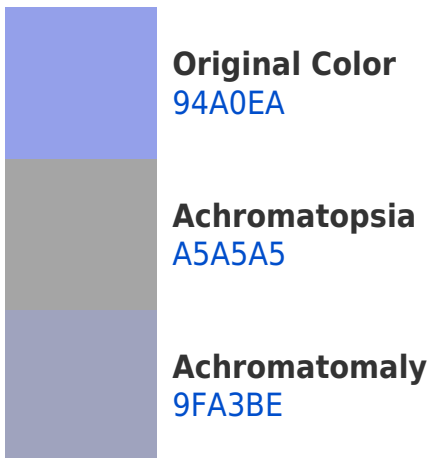


Tritanopia
88AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94A0EA 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 #94A0EA looks like.

```
.text, #text, p{  
    color:#94A0EA  
}
```

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 #94A0EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A0EA
}
```

Border

The CSS property to change the border of an element to Hex 94A0EA 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
#94A0EA }
```

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

```
.border{ border-color:#94A0EA }
```

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

Here you see how a box with a 4 pixel #94A0EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A0EA; -webkit-box-shadow:4px 4px  
4px 4px #94A0EA; box-shadow:4px 4px 4px  
4px #94A0EA }
```

Background

The CSS property to change the background color of an element to Hex 94A0EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A0EA }
```

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

```
.background{ background-color:#94A0EA }
```

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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