

Converting Colors

Hex(94B7EA)

Have a look what the booklet for
Hex(94B7EA) contains.

Hex(94B7EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94B7EA)

Conversions

Conversions Part 1

Format	Color
Hex	94B7EA
RGB	148, 183, 234
RGB Percent	58%, 72%, 92%
CMY	0.4196, 0.2824, 0.0824
CMYK	0.37, 0.22, 0.00, 0.08
HSL	216°, 67%, 75%
HSV	216°, 37%, 92%
XYZ	43.9975, 46.1034, 84.4218
YIQ	178.3490, -37.2310, 8.4410

Conversions

Conversions Part 2

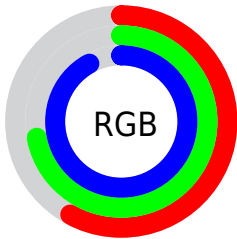
Format	Color
R _Y B	148, 173, 234
Decimal	9746410
CIE Lab	73.61, 0.52, -29.23
CIE LCh	74, 29.236, 271.021
Yxy	46.1034, 0.2521, 0.2642
Android (android.graphics.Color)	4287936490 (0xFF94B7EA)
YUV	178.3490, 27.4359, -26.6161
Hunter-Lab	67.8995, -3.1596, -26.1877

Details

The Hex color **94B7EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAC794**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CCEFFF**, and **5E82B2** is the 20% darker color. If you saturate the color by 10%, you get **7DA9EA**, and if you desaturate by 10%, it is **ABC5EA**.

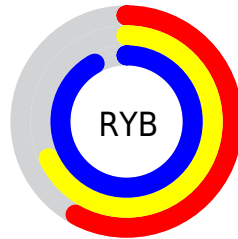
Distribution



Red (58%)

Green (72%)

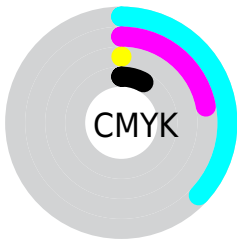
Blue (92%)



Red (58%)

Yellow (68%)

Blue (92%)

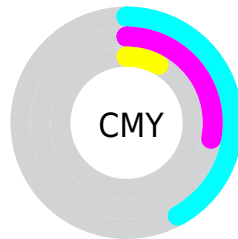


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (28%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B7EA 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 94B7EA by changing the saturation by 10% instead.

■ 94B7EA

FFFFFF

■ CCEFFF

■ E9FFFF

■ 94B7EA

■ 799CCE

■ 5E82B2

■ 436997

■ 27517D

■ 003A64

■ 00254C

■ 001035

■ 00021F

■ 000002

■ 94B7EA

■ 94B7EA

■ 7DA9EA

■ ABC5EA

■ 659BEA

■ C3D3EA

■ 4E8DEA

■ DAE1EA

■ 367FEA

■ F2EFEA

■ 1F72EA

■ FFFCEA

■ 0864EA

■ FFFFEA

■ 005FEA

Harmonies

Analogous

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



71BFE3



94B7EA



BAAEE3

Triad

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



94B7EA



EAA39A



8BC19A

Complementary

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



94B7EA



EAC794

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.



AABC86



94B7EA



DEAA87

Square

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



94B7EA



E9A1B5



C7B37F



6FC4B5

Rectangle

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



94B7EA



CFA8D7



C7B37F



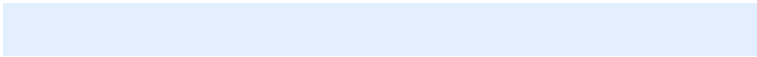
96C092

Sweetspot

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



94B7EA



E3EEFF



94EAC6



6F7680



000000



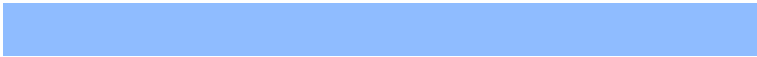
808080

Same Dimension

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



94B7EA



8FBCFF



9B94EA



6A6E75



004AB5



001636

Inverse Universe

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



EA94B7



FF8FBC



E3EA94



756A6E



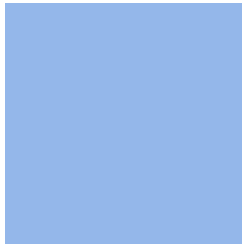
B5004A



360016

Previews

White Background



This preview shows how the Hex color 94B7EA looks on a white background.

Color Contrast Check

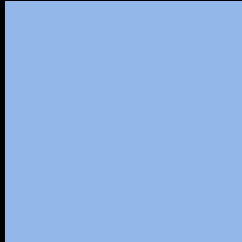
Large Text (above 18pt) WCAG AA × Fail

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 94B7EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

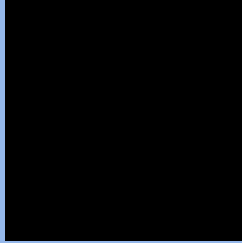
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

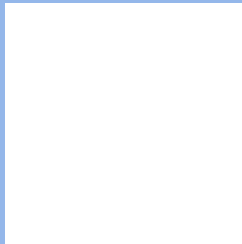
Any Text WCAG AAA ✓ Pass

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

Hex 94B7EA Background



This preview shows how black text looks on a background with the Hex color 94B7EA.



This preview shows how white text looks on a background with the Hex color 94B7EA.

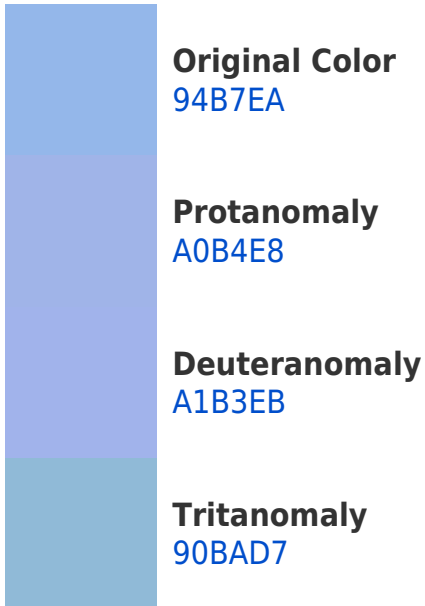
Color Blindness Simulation

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](#).

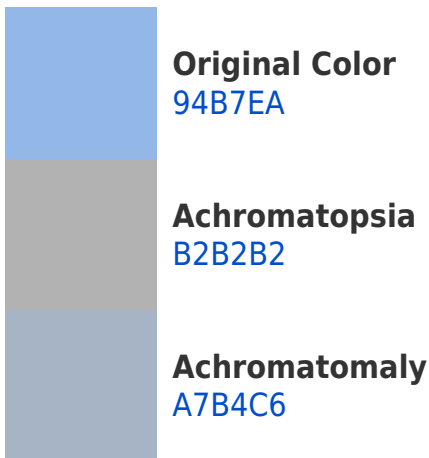
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B7EA 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 #94B7EA looks like.

```
.text, #text, p{  
    color:#94B7EA  
}
```

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 #94B7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B7EA
}
```

Border

The CSS property to change the border of an element to Hex 94B7EA 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
#94B7EA }
```

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

```
.border{ border-color:#94B7EA }
```

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

Here you see how a box with a 4 pixel #94B7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B7EA; -webkit-box-shadow:4px 4px  
4px 4px #94B7EA; box-shadow:4px 4px 4px  
4px #94B7EA }
```

Background

The CSS property to change the background color of an element to Hex 94B7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B7EA }
```

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

```
.background{ background-color:#94B7EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor