

# Converting Colors

Hex(92B3EA)

Have a look what the booklet for  
Hex(92B3EA) contains.

<b>Hex(92B3EA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(92B3EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92B3EA
RGB	146, 179, 234
RGB Percent	57%, 70%, 92%
CMY	0.4275, 0.2980, 0.0824
CMYK	0.38, 0.24, 0.00, 0.08
HSL	218°, 68%, 75%
HSV	218°, 38%, 92%
XYZ	42.8254, 44.2917, 84.1339
YIQ	175.4030, -37.3230, 10.1090

# Conversions

## Conversions Part 2

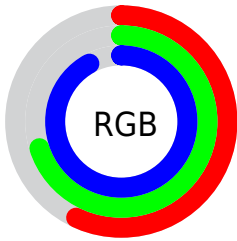
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	146, 170, 234
Decimal	9614314
CIE Lab	72.42, 2.18, -31.07
CIE LCh	72, 31.150, 274.019
Yxy	44.2917, 0.2501, 0.2586
Android (android.graphics.Color)	4287804394 (0xFF92B3EA)
YUV	175.4030, 28.8883, -25.7864
Hunter-Lab	66.5520, -1.6034, -28.3670

# Details

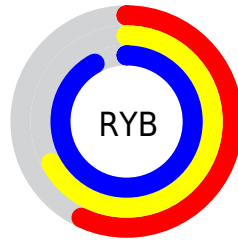
The Hex color **92B3EA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAC992**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAEBFF**, and **5C7FB2** is the 20% darker color. If you saturate the color by 10%, you get **7BA4EA**, and if you desaturate by 10%, it is **A9C2EA**.

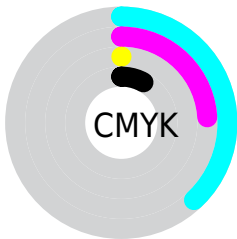
# Distribution



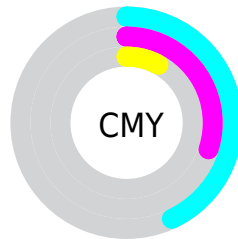
- Red (57%)
- Green (70%)
- Blue (92%)



- Red (57%)
- Yellow (67%)
- Blue (92%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92B3EA 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 92B3EA by changing the saturation by 10% instead.



■ 92B3EA

■ 92B3EA

FFFFFF

■ 7798CE

■ CAEBFF

■ 5C7FB2

■ E7FFFF

■ 406697

■ 244E7D

■ 003764

■ 00224C

■ 000B35

■ 00021F

■ 000002

■ 92B3EA

■ 92B3EA

■ 7BA4EA

■ A9C2EA

■ 6396EA

■ C1D0EA

■ 4C87EA

■ D8DFEA

■ 3478EA

■ F0EDEA

■ 1D6AEA

■ FFFCEA

■ 065BEA

■ FFFFEA

■ 0058EA

# Harmonies

## Analogous

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



6ABBE4



92B3EA



BBA9E1

# Triad

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



92B3EA



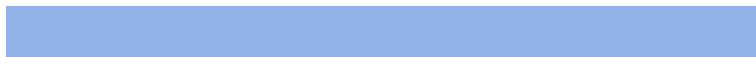
E99F93



82BF98

# Complementary

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



92B3EA



EAC992

# 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.



A3B982



92B3EA



DAA77F

# Square

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



92B3EA



E99CAF



C2B179



63C1B5

# Rectangle

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



92B3EA



D1A3D3



C2B179



8DBE8F

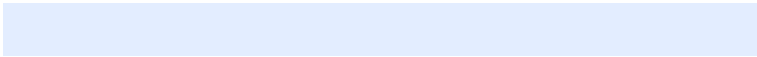


# Sweetspot

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



92B3EA



E3EDFF



92EAC8



6F7580



000000



808080



# Same Dimension

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



92B3EA



8CB7FF



9C92EA



6A6E75



0044B5



001436



# Inverse Universe

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



EA92B3



FF8CB7



E0EA92



756A6E



B50044

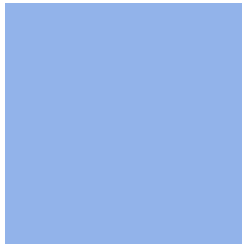


360014



# Previews

## White Background



This preview shows how the Hex color 92B3EA looks on a white background.

## Color Contrast Check

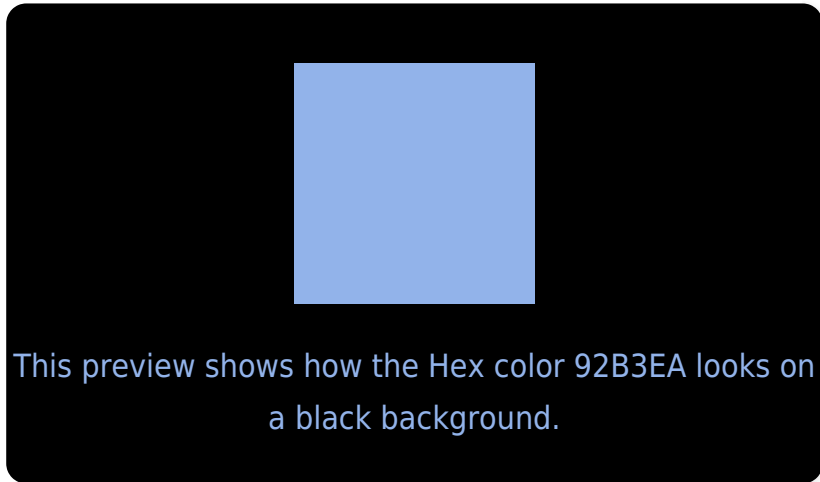
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

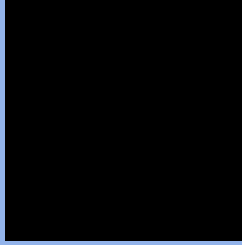
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

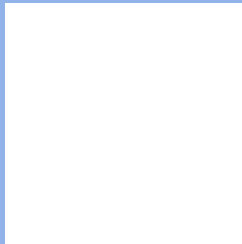
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92B3EA Background



This preview shows how black text looks on a background with the Hex color 92B3EA.

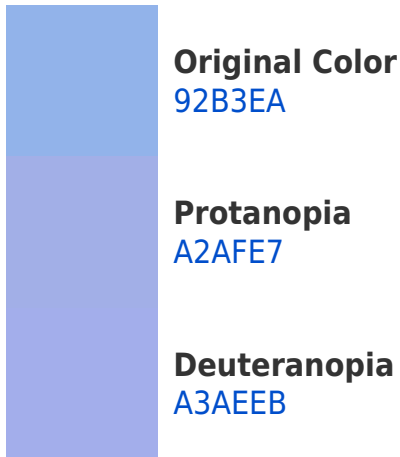


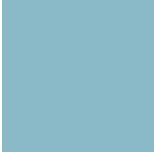
This preview shows how white text looks on a background with the Hex color 92B3EA.

# 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](#).

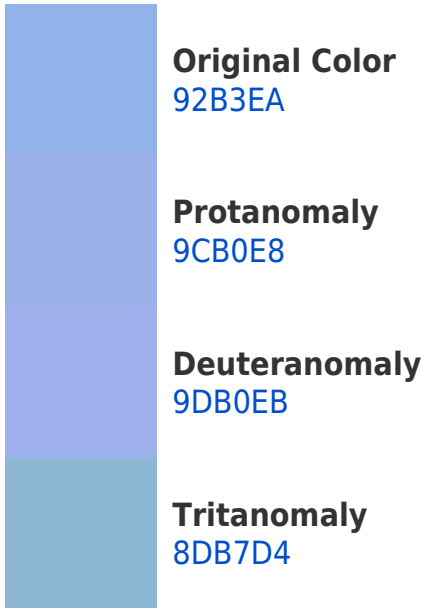
## Dichromacy



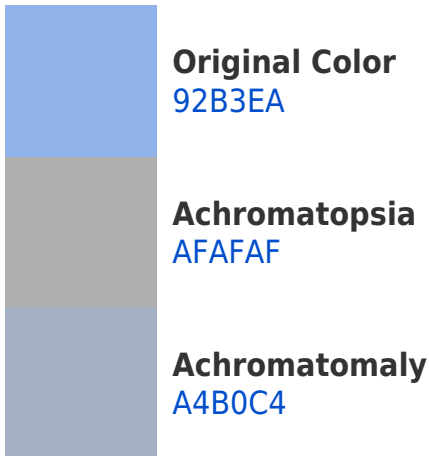


**Tritanopia**  
8AB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92B3EA 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 #92B3EA looks like.

```
.text, #text, p{  
    color:#92B3EA  
}
```

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 #92B3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92B3EA
}
```

## Border

The CSS property to change the border of an element to Hex 92B3EA 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
#92B3EA }
```

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

```
.border{ border-color:#92B3EA }
```

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

Here you see how a box with a 4 pixel #92B3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92B3EA; -webkit-box-shadow:4px 4px  
4px 4px #92B3EA; box-shadow:4px 4px 4px  
4px #92B3EA }
```

# Background

The CSS property to change the background color of an element to Hex 92B3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92B3EA }
```

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

```
.background{ background-color:#92B3EA }
```

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