

# Converting Colors

Hex(92B3DE)

Have a look what the booklet for  
Hex(92B3DE) contains.

<b>Hex(92B3DE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(92B3DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92B3DE
RGB	146, 179, 222
RGB Percent	57%, 70%, 87%
CMY	0.4275, 0.2980, 0.1294
CMYK	0.34, 0.19, 0.00, 0.13
HSL	214°, 54%, 72%
HSV	214°, 34%, 87%
XYZ	41.1590, 43.6251, 75.3584
YIQ	174.0350, -33.4710, 6.3770

# Conversions

## Conversions Part 2

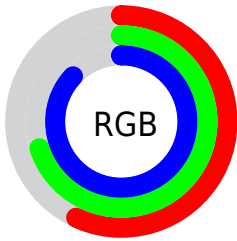
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	146, 169, 222
Decimal	9614302
CIE <sub>Lab</sub>	71.98, -0.93, -25.23
CIE <sub>LCh</sub>	72, 25.243, 267.881
Yxy	43.6251, 0.2570, 0.2724
Android (android.graphics.Color)	4287804382 (0xFF92B3DE)
YUV	174.0350, 23.6467, -24.5867
Hunter-Lab	66.0493, -4.3531, -21.4119

# Details

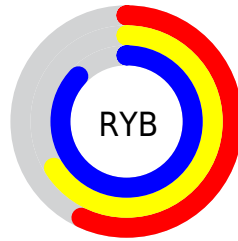
The Hex color **92B3DE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEBD92**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CAEBFF**, and **5D7EA7** is the 20% darker color. If you saturate the color by 10%, you get **7CA6DE**, and if you desaturate by 10%, it is **A8C0DE**.

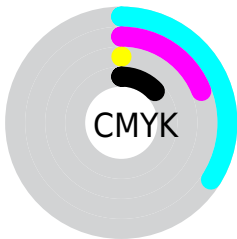
# Distribution



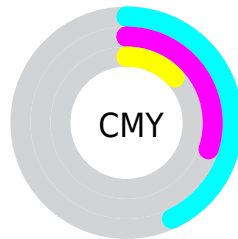
- Red (57%)
- Green (70%)
- Blue (87%)



- Red (57%)
- Yellow (66%)
- Blue (87%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (30%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92B3DE 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 92B3DE by changing the saturation by 10% instead.



■ 92B3DE

■ 92B3DE

FFFFFF

■ 7798C2

■ CAEBFF

■ 5D7EA7

■ E6FFFF

■ 42668C

■ 284E73

■ 05375A

■ 002242

■ 000B2C

■ 000117

■ 000000

 92B3DE

 92B3DE

 7CA6DE

 A8C0DE

 669ADE

 BECCDE

 4F8DDE

 D5D9DE

 3981DE

 EBE5DE

 2374DE

 FFF2DE

 0D68DE

 FFFEDE

 0060DE

 FFFFDE

# Harmonies

## Analogous

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



77B9D7



92B3DE



B2ABD9

# Triad

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



92B3DE



DFA19C



90BB97

# Complementary

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



92B3DE



DEBD92

# 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.



AAB687



92B3DE



D6A78A

# Square

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



92B3DE



DCA0B3



C3AE83



79BDAE

# Rectangle

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



92B3DE



C5A6CF



C3AE83



99B991

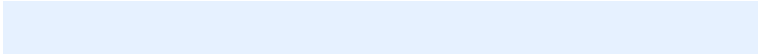


# Sweetspot

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



92B3DE



E6F1FF



92DEBC



707780



000000



808080

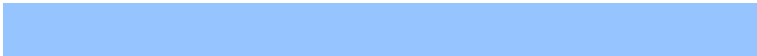


# Same Dimension

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



92B3DE



96C4FF



9692DE



656A70



004CB0



001530



# Inverse Universe

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



DE92B3



FF96C4



DADE92



70656A



B0004C

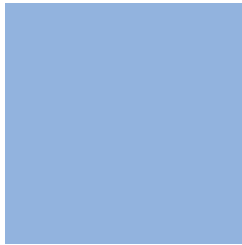


300015



# Previews

## White Background



This preview shows how the Hex color 92B3DE looks on a white background.

## Color Contrast Check

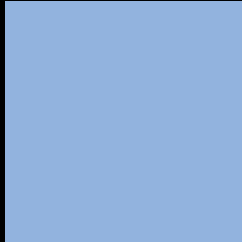
Large Text (above 18pt) WCAG AA × Fail

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 92B3DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

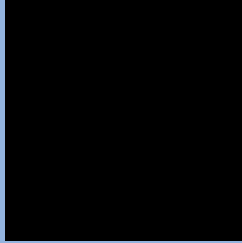
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

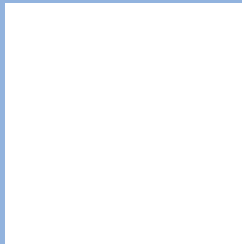
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92B3DE Background



This preview shows how black text looks on a background with the Hex color 92B3DE.

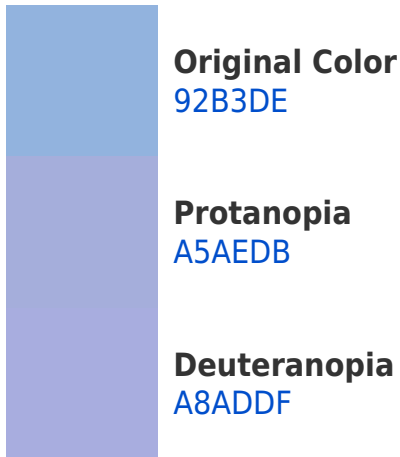


This preview shows how white text looks on a background with the Hex color 92B3DE.

# 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](#).

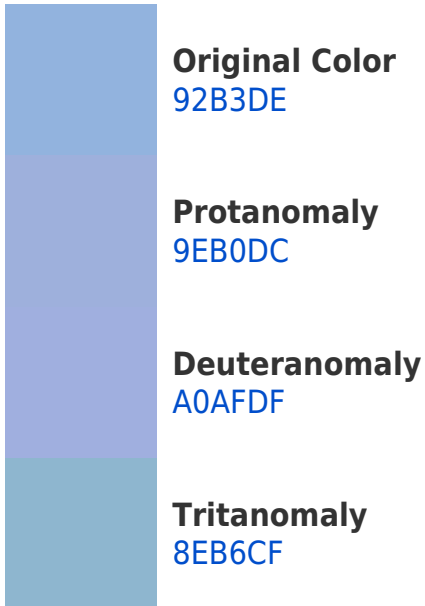
## Dichromacy



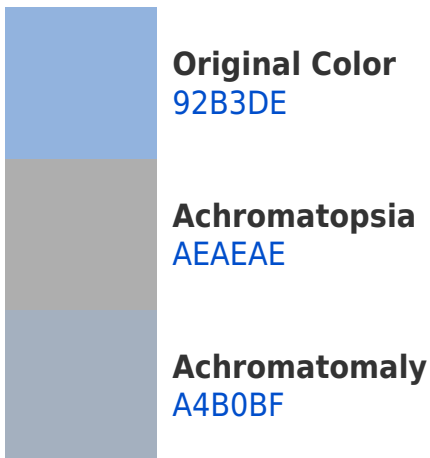


**Tritanopia**  
8CB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92B3DE 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 #92B3DE looks like.

```
.text, #text, p{  
    color:#92B3DE  
}
```

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 #92B3DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92B3DE
}
```

## Border

The CSS property to change the border of an element to Hex 92B3DE 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
#92B3DE }
```

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

```
.border{ border-color:#92B3DE }
```

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

Here you see how a box with a 4 pixel #92B3DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92B3DE; -webkit-box-shadow:4px 4px  
4px 4px #92B3DE; box-shadow:4px 4px 4px  
4px #92B3DE }
```

# Background

The CSS property to change the background color of an element to Hex 92B3DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92B3DE }
```

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

```
.background{ background-color:#92B3DE }
```

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