

# Converting Colors

Hex(90A3DD)

Have a look what the booklet for  
Hex(90A3DD) contains.

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# **Color**

**Hex(90A3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A3DD
RGB	144, 163, 221
RGB Percent	56%, 64%, 87%
CMY	0.4353, 0.3608, 0.1333
CMYK	0.35, 0.26, 0.00, 0.13
HSL	225°, 53%, 72%
HSV	225°, 35%, 87%
XYZ	37.6499, 37.3441, 73.6304
YIQ	163.9310, -29.9420, 14.0100

# Conversions

## Conversions Part 2

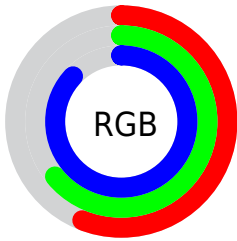
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 159, 221
Decimal	9479133
CIELab	67.53, 7.15, -31.52
CIElCh	68, 32.323, 282.772
Yxy	37.3441, 0.2533, 0.2513
Android (android.graphics.Color)	4287669213 (0xFF90A3DD)
YUV	163.9310, 28.1350, -17.4795
Hunter-Lab	61.1098, 3.0321, -28.6608

# Details

The Hex color **90A3DD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DDCA90**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C8DAFF**, and **5B70A6** is the 20% darker color. If you saturate the color by 10%, you get **7A92DD**, and if you desaturate by 10%, it is **A6B4DD**.

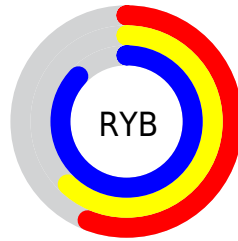
# Distribution



Red (56%)

Green (64%)

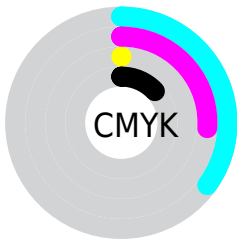
Blue (87%)



Red (56%)

Yellow (62%)

Blue (87%)

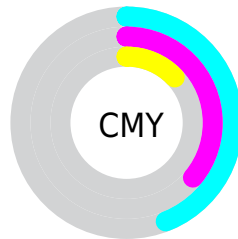


Cyan (35%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (36%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A3DD 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 90A3DD by changing the saturation by 10% instead.



■ 90A3DD

■ 90A3DD

FFFFFF

■ 7589C1

■ C8DAFF

■ 5B70A6

■ E4F6FF

■ 40578B

■ 254071

■ 022A59

■ 001741

■ 00032B

■ 000115

■ 000000

■ 90A3DD

■ 90A3DD

■ 7A92DD

■ A6B4DD

■ 6482DD

■ BCC4DD

■ 4E71DD

■ D2D5DD

■ 3860DD

■ E8E6DD

■ 2150DD

■ FFF6DD

■ 0B3FDD

■ FFFFDD

■ 0037DD

# Harmonies

## Analogous

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



63ACDB



90A3DD



B899CF

# Triad

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



90A3DD



D9947E



69B392

# Complementary

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



90A3DD



DDCA90

# 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.



8CAE79



90A3DD



C79D6D

# Square

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



90A3DD



DE8F99



ACA76B



48B4B0

# Rectangle

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



90A3DD



CC93C0



ACA76B



74B289



# Sweetspot

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



90A3DD



E6ECFF



90DDCA



707480



000000



808080



# Same Dimension

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



90A3DD



94AEFF



A390DD



63656E



002BAD



000B2E



# Inverse Universe

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



DD90A3



FF94AE



CADD90



6E6365



AD002B

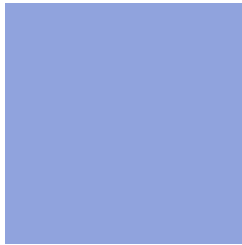


2E000B



# Previews

## White Background



This preview shows how the Hex color 90A3DD looks on a white background.

## Color Contrast Check

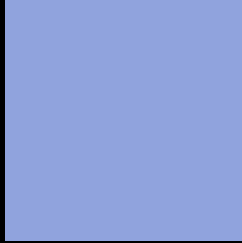
Large Text (above 18pt) WCAG AA × Fail

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 90A3DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

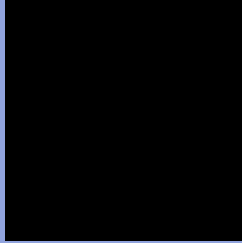
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

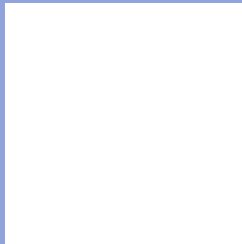
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A3DD Background



This preview shows how black text looks on a background with the Hex color 90A3DD.



This preview shows how white text looks on a background with the Hex color 90A3DD.

# 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**  
90A3DD

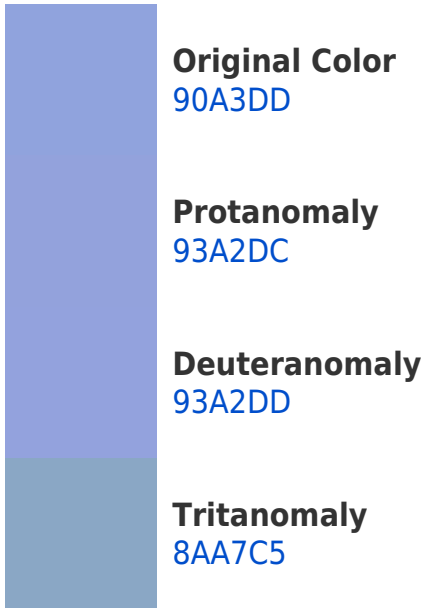
**Protanopia**  
94A2DC

**Deuteranopia**  
94A2DD

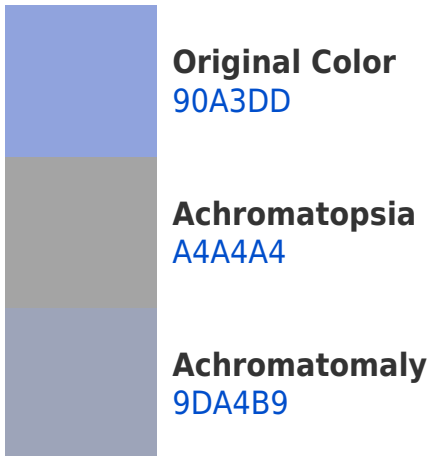


**Tritanopia**  
87AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A3DD 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 #90A3DD looks like.

```
.text, #text, p{  
    color:#90A3DD  
}
```

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 #90A3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A3DD
}
```

## Border

The CSS property to change the border of an element to Hex 90A3DD 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
#90A3DD }
```

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

```
.border{ border-color:#90A3DD }
```

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

Here you see how a box with a 4 pixel #90A3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A3DD; -webkit-box-shadow:4px 4px  
4px 4px #90A3DD; box-shadow:4px 4px 4px  
4px #90A3DD }
```

# Background

The CSS property to change the background color of an element to Hex 90A3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A3DD }
```

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

```
.background{ background-color:#90A3DD }
```

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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