

# Converting Colors

Hex(91A6DA)

Have a look what the booklet for  
Hex(91A6DA) contains.

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# **Color**

**Hex(91A6DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91A6DA
RGB	145, 166, 218
RGB Percent	57%, 65%, 85%
CMY	0.4314, 0.3490, 0.1451
CMYK	0.33, 0.24, 0.00, 0.15
HSL	223°, 50%, 71%
HSV	223°, 33%, 85%
XYZ	37.9682, 38.3541, 71.7316
YIQ	165.6490, -29.2080, 11.7200

# Conversions

## Conversions Part 2

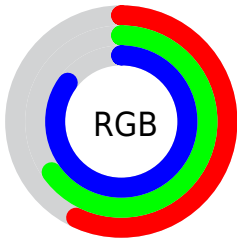
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 161, 218
Decimal	9545434
CIE <sub>Lab</sub>	68.28, 4.96, -28.71
CIE <sub>LCh</sub>	68, 29.139, 279.801
Y <sub>xy</sub>	38.3541, 0.2564, 0.2591
Android (android.graphics.Color)	4287735514 (0xFF91A6DA)
YUV	165.6490, 25.8090, -18.1092
Hunter-Lab	61.9307, 1.0551, -25.3215

# Details

The Hex color **91A6DA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAC591**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C8DDFF**, and **5C72A3** is the 20% darker color. If you saturate the color by 10%, you get **7B96DA**, and if you desaturate by 10%, it is **A7B6DA**.

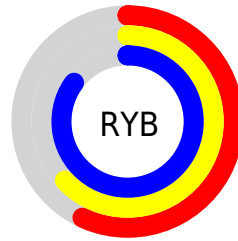
# Distribution



Red (57%)

Green (65%)

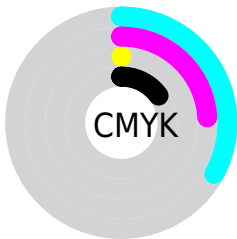
Blue (85%)



Red (57%)

Yellow (63%)

Blue (85%)

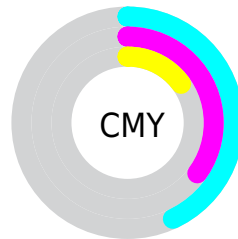


Cyan (33%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (43%)

Magenta (35%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91A6DA 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 91A6DA by changing the saturation by 10% instead.



■ 91A6DA

■ 91A6DA

FFFFFF

■ 768CBE

■ C8DDFF

■ 5C72A3

■ E5F9FF

■ 425A88

■ 28436F

■ 072D56

■ 00193F

■ 000329

■ 000113

■ 000000

 91A6DA

 91A6DA

 7B96DA

 A7B6DA

 6587DA

 BDC5DA

 5077DA

 D2D5DA

 3A68DA

 E8E4DA

 2458DA

 FEF4DA

 0E49DA

 FFFFDA

 003FDA

# Harmonies

## Analogous

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



6BAED7



91A6DA



B59DCF

# Triad

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



91A6DA



D89786



75B493

# Complementary

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



91A6DA



DAC591

# 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.



93AF7D



91A6DA



C99F76

# Square

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



91A6DA



DB939F



B0A872



5AB5AE

# Rectangle

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



91A6DA



C897C1



B0A872



7FB28B

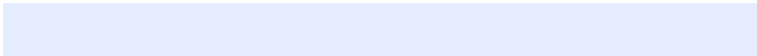


# Sweetspot

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



91A6DA



E6EDFF



91DAC4



707580



000000



808080



# Same Dimension

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



91A6DA



99B6FF



A091DA



63666E



0032AD



000D2E



# Inverse Universe

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



DA91A6



FF99B6



CBDA91



6E6366



AD0032

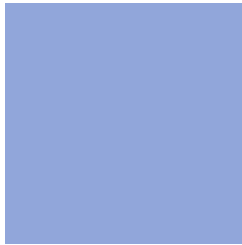


2E000D



# Previews

## White Background



This preview shows how the Hex color 91A6DA looks on a white background.

## Color Contrast Check

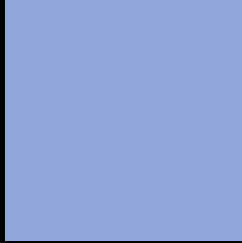
Large Text (above 18pt) WCAG AA × Fail

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 91A6DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

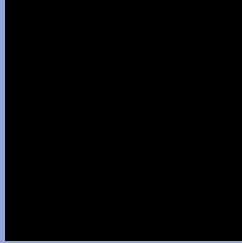
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

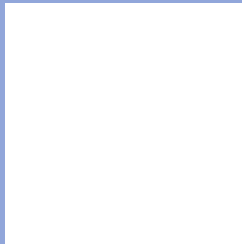
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91A6DA Background



This preview shows how black text looks on a background with the Hex color 91A6DA.



This preview shows how white text looks on a background with the Hex color 91A6DA.

# 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



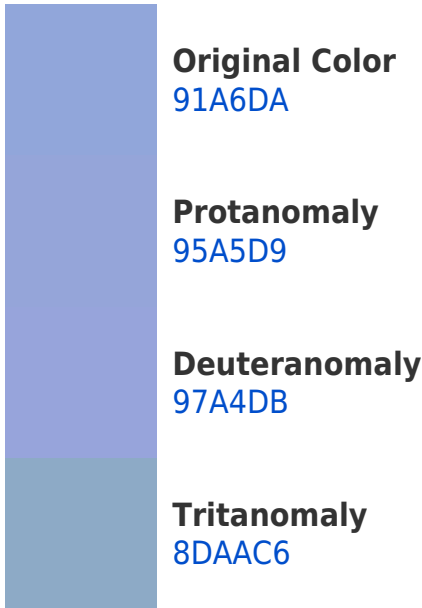
**Original Color**  
91A6DA

**Protanopia**  
98A4D9

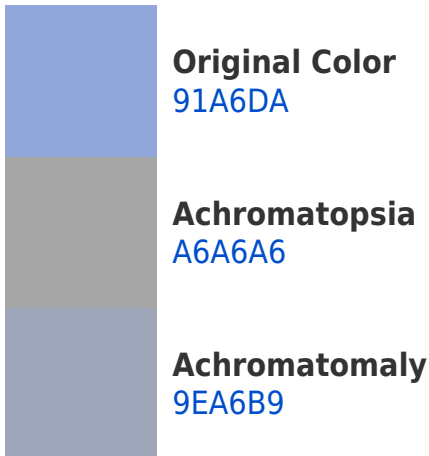
**Deuteranopia**  
9AA3DB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91A6DA 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 #91A6DA looks like.

```
.text, #text, p{  
    color:#91A6DA  
}
```

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 #91A6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91A6DA
}
```

## Border

The CSS property to change the border of an element to Hex 91A6DA 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
#91A6DA }
```

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

```
.border{ border-color:#91A6DA }
```

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

Here you see how a box with a 4 pixel #91A6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91A6DA; -webkit-box-shadow:4px 4px  
4px 4px #91A6DA; box-shadow:4px 4px 4px  
4px #91A6DA }
```

# Background

The CSS property to change the background color of an element to Hex 91A6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91A6DA }
```

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

```
.background{ background-color:#91A6DA }
```

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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