

# Converting Colors

Hex(99A3DA)

Have a look what the booklet for  
Hex(99A3DA) contains.

<b>Hex(99A3DA)</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(99A3DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A3DA
RGB	153, 163, 218
RGB Percent	60%, 64%, 85%
CMY	0.4000, 0.3608, 0.1451
CMYK	0.30, 0.25, 0.00, 0.15
HSL	231°, 47%, 73%
HSV	231°, 30%, 85%
XYZ	38.8890, 38.0286, 71.6203
YIQ	166.2800, -23.6150, 14.9850

# Conversions

## Conversions Part 2

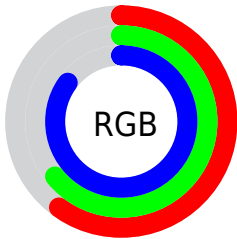
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 162, 218</a>
Decimal	<a href="#">10068954</a>
CIELab	<a href="#">68.04, 8.94, -29.04</a>
CIElCh	<a href="#">68, 30.382, 287.120</a>
Yxy	<a href="#">38.0286, 0.2618, 0.2560</a>
Android (android.graphics.Color)	<a href="#">4288259034 (0xFF99A3DA)</a>
YUV	<a href="#">166.2800, 25.4980, -11.6466</a>
Hunter-Lab	<a href="#">61.6674, 4.6486, -25.6920</a>

# Details

The Hex color **99A3DA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAD099**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D1DAFF**, and **646FA3** is the 20% darker color. If you saturate the color by 10%, you get **8391DA**, and if you desaturate by 10%, it is **AFB5DA**.

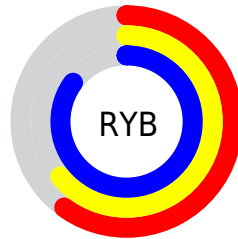
# Distribution



Red (60%)

Green (64%)

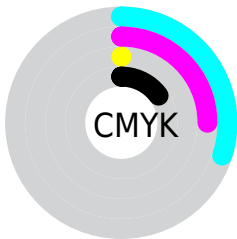
Blue (85%)



Red (60%)

Yellow (64%)

Blue (85%)

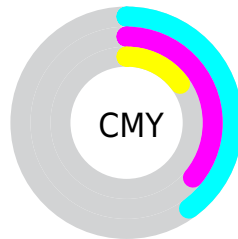


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (40%)

Magenta (36%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A3DA 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 99A3DA by changing the saturation by 10% instead.



■ 99A3DA

FFFFFF

■ D1DAFF

■ EDF6FF

■ 99A3DA

■ 7E89BE

■ 646FA3

■ 4A5788

■ 31406F

■ 172A56

■ 00163F

■ 000229

■ 000112

■ 000000

■ 99A3DA

■ 99A3DA

■ 8391DA

■ AFB5DA

■ 6D7EDA

■ C5C8DA

■ 586CDA

■ DADADA

■ 4259DA

■ F0EDDA

■ 2C47DA

■ FFFFDA

■ 1634DA

■ 0022DA

# Harmonies

## Analogous

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



70ACDB



99A3DA



BD99CB

# Triad

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



99A3DA



D6977F



6AB499

# Complementary

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



99A3DA



DAD099

# 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.



8AB080



99A3DA



C4A071

# Square

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



99A3DA



DD9297



A9A971



50B5B5

# Rectangle

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



99A3DA



CE94BC



A9A971



74B390



# Sweetspot

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



99A3DA



E8ECFF



99DACF



717480



000000



808080



# Same Dimension

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



99A3DA



A3B1FF



AF99DA



63646E



001BAD



00072E



# Inverse Universe

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



DA99A3



FFA3B1



C4DA99



6E6364



AD001B

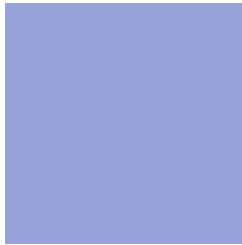


2E0007



# Previews

## White Background



This preview shows how the Hex color 99A3DA 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 99A3DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

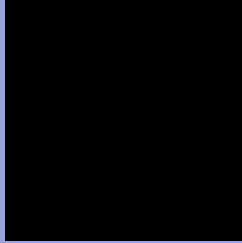
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99A3DA Background



This preview shows how black text looks on a background with the Hex color 99A3DA.



This preview shows how white text looks on a background with the Hex color 99A3DA.

# 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**  
99A3DA

**Protanopia**  
97A4DA

**Deuteranopia**  
99A3DA



**Tritanopia**  
92A9B7

# Trichromacy



**Original Color**  
99A3DA

**Protanomaly**  
98A4DA

**Deuteranomaly**  
99A3DA

**Tritanomaly**  
95A7C4

# Monochromacy



**Original Color**  
99A3DA

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A1A5B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A3DA 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 #99A3DA looks like.

```
.text, #text, p{  
    color:#99A3DA  
}
```

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 #99A3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A3DA
}
```

## Border

The CSS property to change the border of an element to Hex 99A3DA 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
#99A3DA }
```

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

```
.border{ border-color:#99A3DA }
```

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

Here you see how a box with a 4 pixel #99A3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A3DA; -webkit-box-shadow:4px 4px  
4px 4px #99A3DA; box-shadow:4px 4px 4px  
4px #99A3DA }
```

# Background

The CSS property to change the background color of an element to Hex 99A3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A3DA }
```

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

```
.background{ background-color:#99A3DA }
```

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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