

# Converting Colors

Hex(959CDA)

Have a look what the booklet for  
Hex(959CDA) contains.

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# **Color**

**Hex(959CDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959CDA
RGB	149, 156, 218
RGB Percent	58%, 61%, 85%
CMY	0.4157, 0.3882, 0.1451
CMYK	0.32, 0.28, 0.00, 0.15
HSL	234°, 48%, 72%
HSV	234°, 32%, 85%
XYZ	36.9378, 35.2285, 71.1826
YIQ	160.9750, -24.0740, 17.7980

# Conversions

## Conversions Part 2

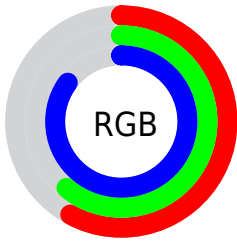
Format	Color
<a href="#">RYB</a>	<a href="#">149, 155, 218</a>
Decimal	<a href="#">9805018</a>
CIELab	<a href="#">65.93, 11.75, -32.33</a>
CIElCh	<a href="#">66, 34.397, 289.971</a>
Yxy	<a href="#">35.2285, 0.2577, 0.2458</a>
Android (android.graphics.Color)	<a href="#">4287995098 (0xFF959CDA)</a>
YUV	<a href="#">160.9750, 28.1133, -10.5021</a>
Hunter-Lab	<a href="#">59.3536, 7.2180, -29.5589</a>

# Details

The Hex color **959CDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAD395**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CDD2FF**, and **6069A3** is the 20% darker color. If you saturate the color by 10%, you get **7F88DA**, and if you desaturate by 10%, it is **ABB0DA**.

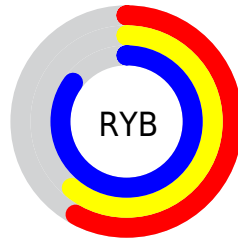
# Distribution



Red (58%)

Green (61%)

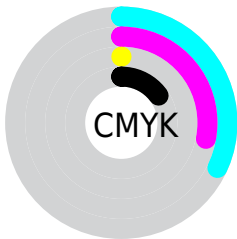
Blue (85%)



Red (58%)

Yellow (61%)

Blue (85%)

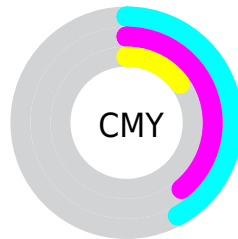


Cyan (32%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (39%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959CDA 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 959CDA by changing the saturation by 10% instead.



959CDA

959CDA

FFFFFF

7A82BE

CDD2FF

6069A3

E9EFFF

465188

2C3A6F

0F2556

00113E

000328

000112

000000

 959CDA

 959CDA

 7F88DA

 ABB0DA

 6975DA

 C1C3DA

 5461DA

 D6D7DA

 3E4EDA

 ECEADA

 283ADA

 FFFEDA

 1226DA

 FFFFDA

 0016DA

# Harmonies

## Analogous

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



63A6DC



959CDA



BD91C8

# Triad

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



959CDA



D49072



56B094

# Complementary

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



959CDA



DAD395

# 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.



7DAC77



959CDA



BE9B63

# Square

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



959CDA



DD898D



A0A565



2FB1B4

# Rectangle

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



959CDA



CF8BB6



A0A565



63AF8A



# Sweetspot

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



959CDA



E8EAFF



95DAD2



717380



000000



808080



# Same Dimension

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



959CDA



9EA8FF



AF95DA



63646E



0012AD



00052E



# Inverse Universe

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



DA959C



FF9EA8



C0DA95



6E6364



AD0012

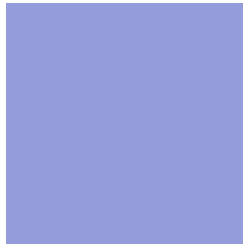


2E0005



# Previews

## White Background



This preview shows how the Hex color 959CDA looks on a white background.

## Color Contrast Check

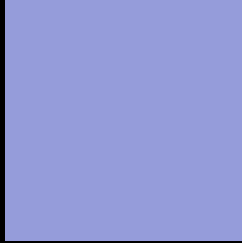
Large Text (above 18pt) WCAG AA × Fail

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 959CDA 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 959CDA Background



This preview shows how black text looks on a background with the Hex color 959CDA.



This preview shows how white text looks on a background with the Hex color 959CDA.

# 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**  
959CDA

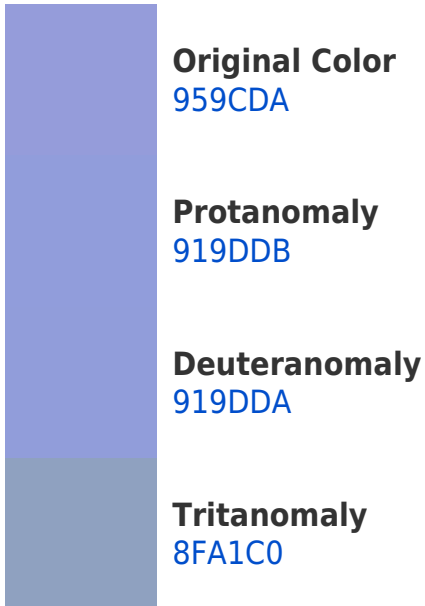
**Protanopia**  
8E9EDB

**Deuteranopia**  
8F9EDA

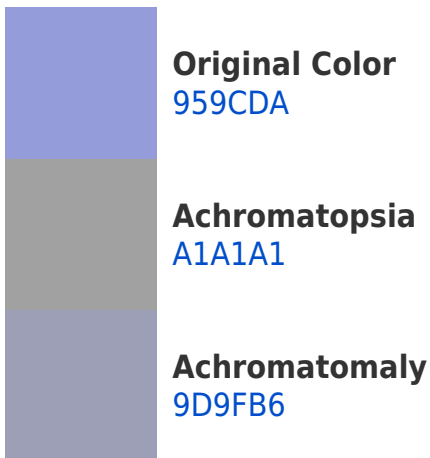


**Tritanopia**  
8CA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959CDA 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 #959CDA looks like.

```
.text, #text, p{  
    color:#959CDA  
}
```

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 #959CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959CDA
}
```

## Border

The CSS property to change the border of an element to Hex 959CDA is called "border". The border property can be set on classes, ids or directly on the HTML element.

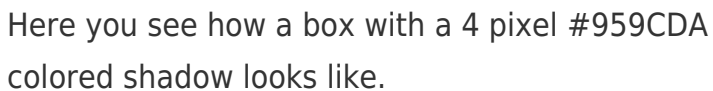
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#959CDA }
```

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

```
.border{ border-color:#959CDA }
```

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



Here you see how a box with a 4 pixel #959CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959CDA; -webkit-box-shadow:4px 4px  
4px 4px #959CDA; box-shadow:4px 4px 4px  
4px #959CDA }
```

# Background

The CSS property to change the background color of an element to Hex 959CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959CDA }
```

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

```
.background{ background-color:#959CDA }
```

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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