

Converting Colors

Hex(959DDA)

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

Hex(959DDA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(959DDA)

Conversions

Conversions Part 1

Format	Color
Hex	959DDA
RGB	149, 157, 218
RGB Percent	58%, 62%, 85%
CMY	0.4157, 0.3843, 0.1451
CMYK	0.32, 0.28, 0.00, 0.15
HSL	233°, 48%, 72%
HSV	233°, 32%, 85%
XYZ	37.1063, 35.5655, 71.2388
YIQ	161.5620, -24.3490, 17.2750

Conversions

Conversions Part 2

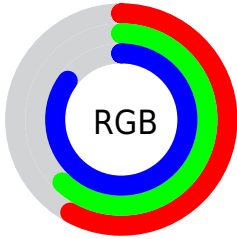
Format	Color
RYB	149, 156, 218
Decimal	9805274
CIELab	66.19, 11.18, -31.93
CIELCh	66, 33.826, 289.299
Yxy	35.5655, 0.2578, 0.2471
Android (android.graphics.Color)	4287995354 (0xFF959DDA)
YUV	161.5620, 27.8239, -11.0169
Hunter-Lab	59.6368, 6.6992, -29.0788

Details

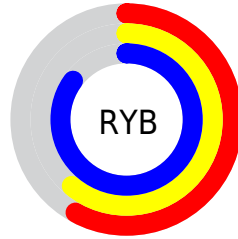
The Hex color **959DDA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DAD295**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CDD3FF**, and **606AA3** is the 20% darker color. If you saturate the color by 10%, you get **7F8ADA**, and if you desaturate by 10%, it is **ABB0DA**.

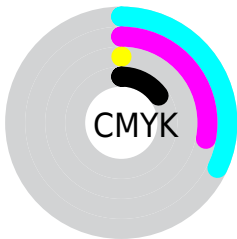
Distribution



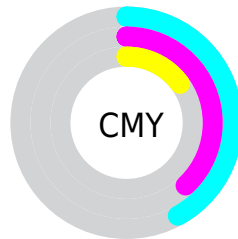
- Red (58%)
- Green (62%)
- Blue (85%)



- Red (58%)
- Yellow (61%)
- Blue (85%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

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

■ 959DDA

■ 959DDA

FFFFFF

■ 7A83BE

■ CDD3FF

■ 606AA3

■ E9F0FF

■ 465288

■ 2C3B6F

■ 0F2656

■ 00113E

■ 000328

■ 000112

■ 000000

 959DDA

 959DDA

 7F8ADA

 ABB0DA

 6976DA

 C1C4DA

 5463DA

 D6D7DA

 3E50DA

 ECEADA

 283DDA

 FFFDDA

 1229DA

 FFFFDA

 0019DA

Harmonies

Analogous

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



64A7DC



959DDA



BD92C9

Triad

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



959DDA



D49174



59B195

Complementary

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



959DDA



DAD295

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.



7FAD78



959DDA



BF9B65

Square

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



959DDA



DD8A8E



A1A567



35B1B4

Rectangle

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



959DDA



CF8CB7



A1A567



66B08A

Sweetspot

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



959DDA



E8EBFF



95DAD2



717380



000000



808080

Same Dimension

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



959DDA



9EA9FF



AF95DA



63646E



0014AD



00052E

Inverse Universe

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



DA959D



FF9EA9



C0DA95



6E6364



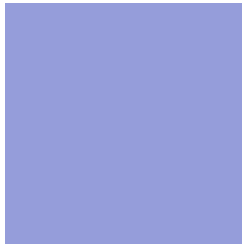
AD0014



2E0005

Previews

White Background



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

Color Contrast Check

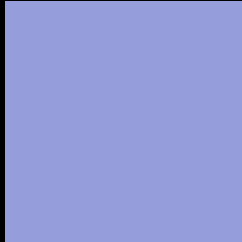
Large Text (above 18pt) WCAG AA × Fail

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 959DDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

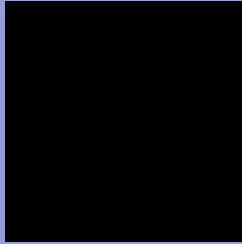
Any Text WCAG AA ✓ Pass

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 959DDA Background



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



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

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
959DDA

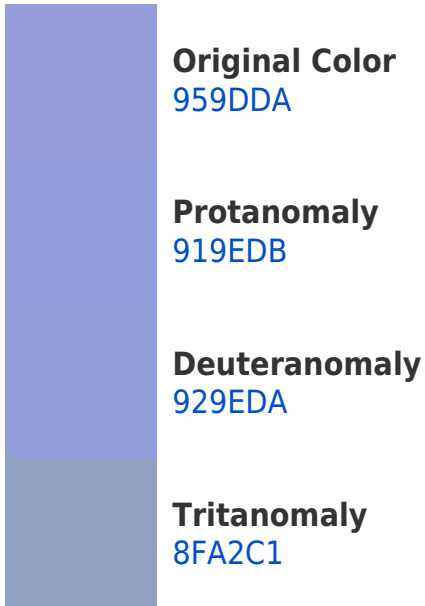
Protanopia
8F9FDB

Deuteranopia
909EDA

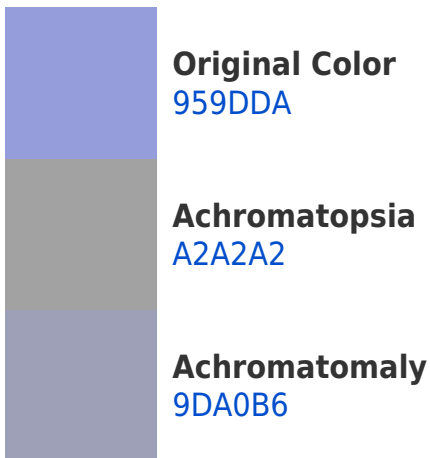


Tritanopia
8CA5B2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #959DDA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 959DDA 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
#959DDA }
```

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

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

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

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

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

Background

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

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

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

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

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