

Converting Colors

Hex(9781DA)

Have a look what the booklet for
Hex(9781DA) contains.

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Color

Hex(9781DA)

Conversions

Conversions Part 1

Format	Color
Hex	9781DA
RGB	151, 129, 218
RGB Percent	59%, 51%, 85%
CMY	0.4078, 0.4941, 0.1451
CMYK	0.31, 0.41, 0.00, 0.15
HSL	255°, 55%, 68%
HSV	255°, 41%, 85%
XYZ	33.2676, 27.3418, 69.8538
YIQ	145.7240, -15.4570, 32.3430

Conversions

Conversions Part 2

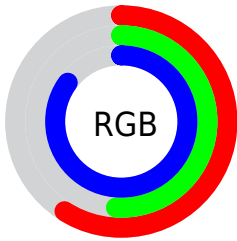
Format	Color
R_{YB}	151, 129, 218
Decimal	9929178
CIE _{Lab}	59.29, 27.85, -42.68
CIE _{LCh}	59, 50.964, 303.119
Y _{xy}	27.3418, 0.2550, 0.2096
Android (android.graphics.Color)	4288119258 (0xFF9781DA)
YUV	145.7240, 35.6321, 4.6271
Hunter-Lab	52.2894, 22.0592, -42.6034

Details

The Hex color **9781DA** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **C4DA81**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CFB6FF**, and **614FA3** is the 20% darker color. If you saturate the color by 10%, you get **876BDA**, and if you desaturate by 10%, it is **A797DA**.

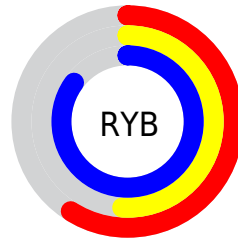
Distribution



Red (59%)

Green (51%)

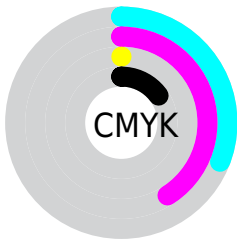
Blue (85%)



Red (59%)

Yellow (51%)

Blue (85%)

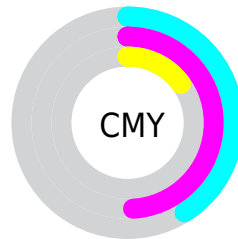


Cyan (31%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (41%)

Magenta (49%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9781DA 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 9781DA by changing the saturation by 10% instead.

■ 9781DA

■ 9781DA

FFFFFF

■ 7C68BE

■ CFB6FF

■ 614FA3

■ ECD2FF

■ 473888

■ FFEEFF

■ 2C226E

■ 0C0D55

■ 00003E

■ 000327

■ 000110

■ 000000

9781DA

9781DA

876BDA

A797DA

7655DA

B8ADDA

6640DA

C8C2DA

552ADA

D9D8DA

4514DA

E9EEDA

3600DA

F9FFDA

FFFFDA

Harmonies

Analogous

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



3B92E8



9781DA



C96FB8

Triad

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



9781DA



C77E3E



00A592

Complementary

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



9781DA



C4DA81

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.



33A264



9781DA



A38E30

Square

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



9781DA



DE6D60



759A3F



00A4BE

Rectangle

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



9781DA



DB689B



759A3F



00A483

Sweetspot

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



9781DA



E8E0FF



81C5DA



726E80



000000



808080

Same Dimension

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



9781DA



A182FF



C281DA



65636E



2B00AD



0B002E

Inverse Universe

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



DA81C4



FF82E0



99DA81



6E636B



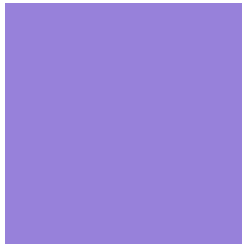
AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 9781DA looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Hex 9781DA Background



This preview shows how black text looks on a background with the Hex color 9781DA.

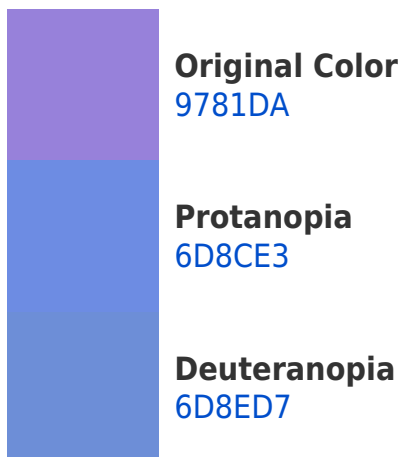


This preview shows how white text looks on a background with the Hex color 9781DA.

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](#).

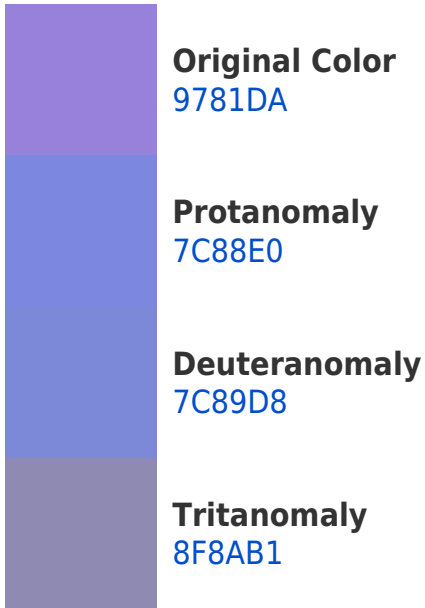
Dichromacy



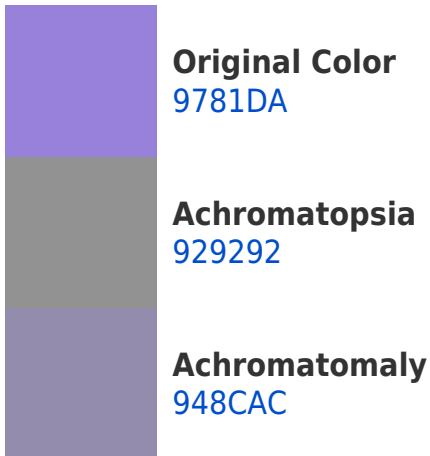


Tritanopia
8A8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9781DA 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 #9781DA looks like.

```
.text, #text, p{  
    color:#9781DA  
}
```

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 #9781DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9781DA
}
```

Border

The CSS property to change the border of an element to Hex 9781DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

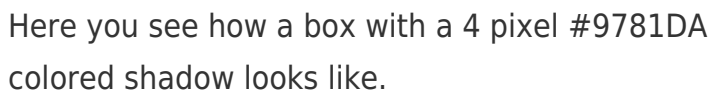
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9781DA }
```

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

```
.border{ border-color:#9781DA }
```

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



Here you see how a box with a 4 pixel #9781DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9781DA; -webkit-box-shadow:4px 4px  
4px 4px #9781DA; box-shadow:4px 4px 4px  
4px #9781DA }
```

Background

The CSS property to change the background color of an element to Hex 9781DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9781DA }
```

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

```
.background{ background-color:#9781DA }
```

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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