

# Converting Colors

Hex(9A78D2)

Have a look what the booklet for  
Hex(9A78D2) contains.

<b>Hex(9A78D2)</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(9A78D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A78D2
RGB	154, 120, 210
RGB Percent	60%, 47%, 82%
CMY	0.3961, 0.5294, 0.1765
CMYK	0.27, 0.43, 0.00, 0.18
HSL	263°, 50%, 65%
HSV	263°, 43%, 82%
XYZ	31.6758, 24.9561, 64.1203
YIQ	140.4260, -8.6260, 35.1980

# Conversions

## Conversions Part 2

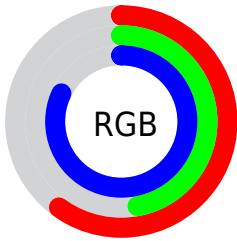
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 120, 210</a>
Decimal	<a href="#">10123474</a>
CIELab	<a href="#">57.03, 31.86, -41.72</a>
CIELCh	<a href="#">57, 52.495, 307.368</a>
Yxy	<a href="#">24.9561, 0.2623, 0.2067</a>
Android (android.graphics.Color)	<a href="#">4288313554 (0xFF9A78D2)</a>
YUV	<a href="#">140.4260, 34.3000, 11.9044</a>
Hunter-Lab	<a href="#">49.9561, 25.7587, -41.1314</a>

# Details

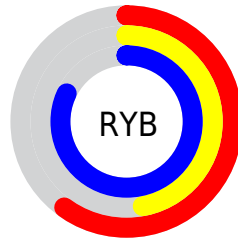
The Hex color **9A78D2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B0D278**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D2ADFF**, and **64479B** is the 20% darker color. If you saturate the color by 10%, you get **8D63D2**, and if you desaturate by 10%, it is **A78DD2**.

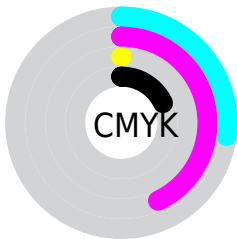
# Distribution



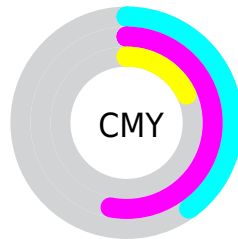
- Red (60%)
- Green (47%)
- Blue (82%)



- Red (60%)
- Yellow (47%)
- Blue (82%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (53%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A78D2 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 9A78D2 by changing the saturation by 10% instead.



 9A78D2

 9A78D2

FFFFFF

 7F5FB6

 D2ADFF

 64479B

 EFC8FF

 4A2F81

 FFE5FF

 301967

 14034E

 000037

 000221

 000005

 000000

 9A78D2

 9A78D2

 8D63D2

 A78DD2

 804ED2

 B4A2D2

 7339D2

 C1B7D2

 6624D2

 CECCD2

 590FD2

 DBE1D2

 4F00D2

 E8F6D2

 F5FFD2

 FFFFD2

# Harmonies

## Analogous

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



418AE4



9A78D2



C966AD

# Triad

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



9A78D2



BD7A32



009F93

# Complementary

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



9A78D2



B0D278

# 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.



069D64



9A78D2



978A26

# Square

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



9A78D2



D76854



66963C



009EBF

# Rectangle

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



9A78D2



D95F8F



66963C



009F83



# Sweetspot

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



9A78D2



EADEFF



78B1D2



736B80



000000



808080



# Same Dimension

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



9A78D2



AE7DFF



C678D2



625E69



4000A8



0F0029



# Inverse Universe

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



D278B0



FF7DCE



84D278



695E65



A80069

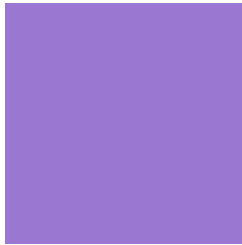


290019



# Previews

## White Background



This preview shows how the Hex color 9A78D2 looks on a white background.

## Color Contrast Check

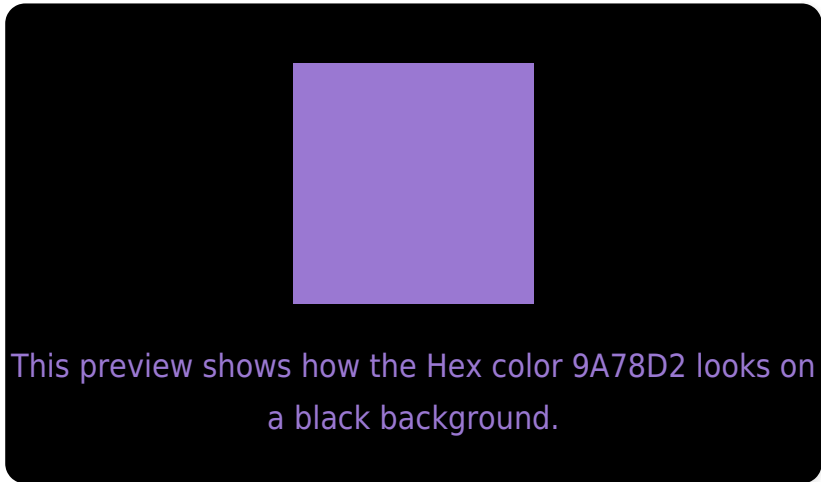
Large Text (above 18pt) WCAG AA ✓ Pass

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

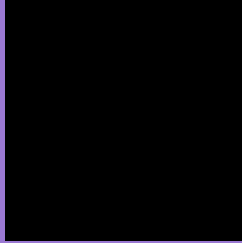
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A78D2 Background



This preview shows how black text looks on a background with the Hex color 9A78D2.

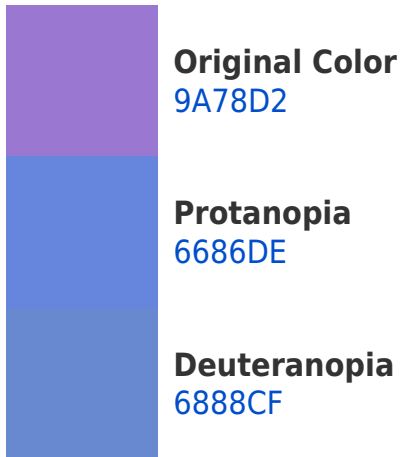


This preview shows how white text looks on a background with the Hex color 9A78D2.

# 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](#).

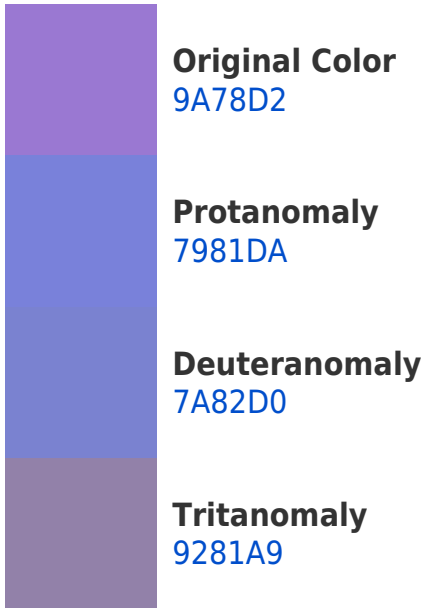
## Dichromacy





**Tritanopia**  
8E8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A78D2 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 #9A78D2 looks like.

```
.text, #text, p{  
    color:#9A78D2  
}
```

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 #9A78D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A78D2
}
```

## Border

The CSS property to change the border of an element to Hex 9A78D2 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
#9A78D2 }
```

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

```
.border{ border-color:#9A78D2 }
```

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

Here you see how a box with a 4 pixel #9A78D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A78D2; -webkit-box-shadow:4px 4px  
4px 4px #9A78D2; box-shadow:4px 4px 4px  
4px #9A78D2 }
```

# Background

The CSS property to change the background color of an element to Hex 9A78D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A78D2 }
```

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

```
.background{ background-color:#9A78D2 }
```

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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