

Converting Colors

Hex(9D78D5)

Have a look what the booklet for
Hex(9D78D5) contains.

Hex(9D78D5)	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(9D78D5)

Conversions

Conversions Part 1

Format	Color
Hex	9D78D5
RGB	157, 120, 213
RGB Percent	62%, 47%, 84%
CMY	0.3843, 0.5294, 0.1647
CMYK	0.26, 0.44, 0.00, 0.16
HSL	264°, 53%, 65%
HSV	264°, 44%, 84%
XYZ	32.6313, 25.4051, 66.1346
YIQ	141.6650, -7.8010, 36.7670

Conversions

Conversions Part 2

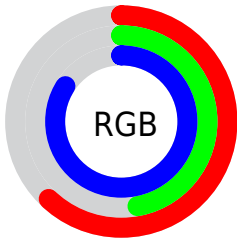
Format	Color
RYB	157, 120, 213
Decimal	10320085
CIELab	57.47, 33.44, -42.71
CIELCh	57, 54.239, 308.057
Yxy	25.4051, 0.2628, 0.2046
Android (android.graphics.Color)	4288510165 (0xFF9D78D5)
YUV	141.6650, 35.1682, 13.4488
Hunter-Lab	50.4035, 27.3551, -42.5122

Details

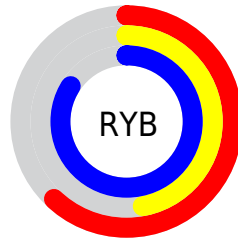
The Hex color **9D78D5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B0D578**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D5ADFF**, and **67479E** is the 20% darker color. If you saturate the color by 10%, you get **9063D5**, and if you desaturate by 10%, it is **AA8DD5**.

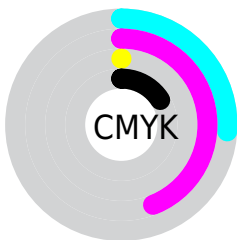
Distribution



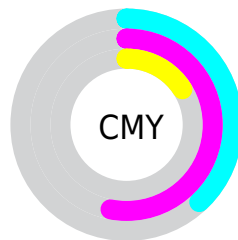
- Red (62%)
- Green (47%)
- Blue (84%)



- Red (62%)
- Yellow (47%)
- Blue (84%)



- Cyan (26%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D78D5 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 9D78D5 by changing the saturation by 10% instead.

 9D78D5

 9D78D5

FFFFFF

 825FB9

 D5ADFF

 67479E

 F2C8FF

 4D2F83

 FFE5FF

 33196A

 170351

 000039

 000223

 000009

 000000

9D78D5

9D78D5

9063D5

AA8DD5

834DD5

B7A3D5

7738D5

C3B8D5

6A23D5

D0CDD5

5D0DD5

DDE3D5

5500D5

EAF8D5

F7FFD5

FFFFD5

Harmonies

Analogous

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



408BE8



9D78D5



CD65AE

Triad

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



9D78D5



BF7B2F



00A196

Complementary

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



9D78D5



B0D578

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.



009E65



9D78D5



978C23

Square

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



9D78D5



DA6852



65983A



009FC3

Rectangle

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



9D78D5



DD5E8F



65983A



00A185

Sweetspot

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



9D78D5



EBDEFF



78B1D5



736B80



000000



808080

Same Dimension

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



9D78D5



AF7AFF



CA78D5



65606B



4400AB



11002B

Inverse Universe

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



D578B0



FF7ACA



83D578



6B6067



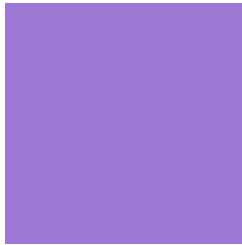
AB0067



2B001A

Previews

White Background



This preview shows how the Hex color 9D78D5 looks on a white background.

Color Contrast Check

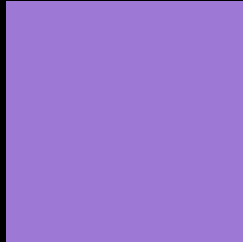
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9D78D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

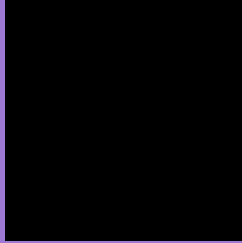
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9D78D5 Background



This preview shows how black text looks on a background with the Hex color 9D78D5.

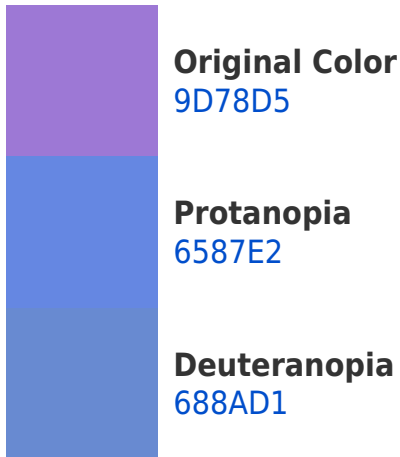


This preview shows how white text looks on a background with the Hex color 9D78D5.

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](#).

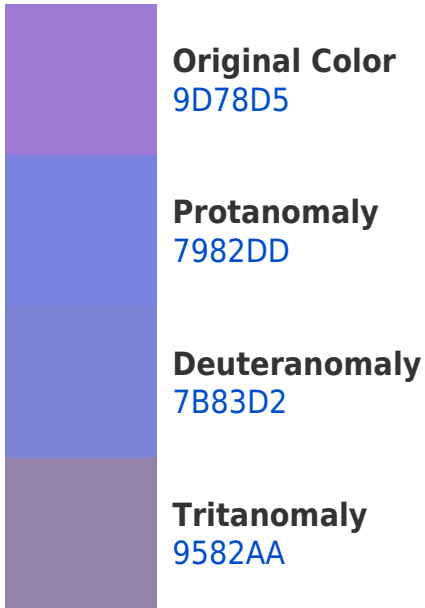
Dichromacy



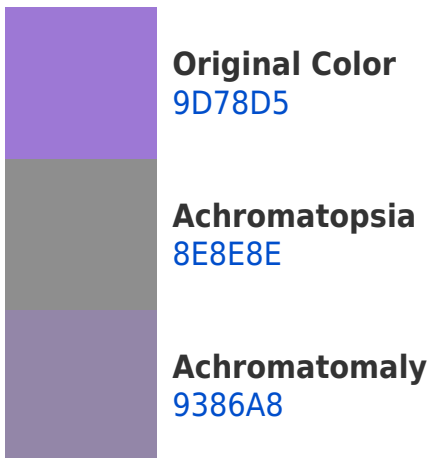


Tritanopia
918792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D78D5 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 #9D78D5 looks like.

```
.text, #text, p{  
    color:#9D78D5  
}
```

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 #9D78D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D78D5
}
```

Border

The CSS property to change the border of an element to Hex 9D78D5 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
#9D78D5 }
```

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

```
.border{ border-color:#9D78D5 }
```

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

Here you see how a box with a 4 pixel #9D78D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D78D5; -webkit-box-shadow:4px 4px  
4px 4px #9D78D5; box-shadow:4px 4px 4px  
4px #9D78D5 }
```

Background

The CSS property to change the background color of an element to Hex 9D78D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D78D5 }
```

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

```
.background{ background-color:#9D78D5 }
```

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