

Converting Colors

Hex(D798A8)

Have a look what the booklet for
Hex(D798A8) contains.

Hex(D798A8)	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(D798A8)

Conversions

Conversions Part 1

Format	Color
Hex	D798A8
RGB	215, 152, 168
RGB Percent	84%, 60%, 66%
CMY	0.1569, 0.4039, 0.3412
CMYK	0.00, 0.29, 0.22, 0.16
HSL	345°, 44%, 72%
HSV	345°, 29%, 84%
XYZ	46.3205, 39.7307, 42.2732
YIQ	172.6610, 32.4120, 18.3320

Conversions

Conversions Part 2

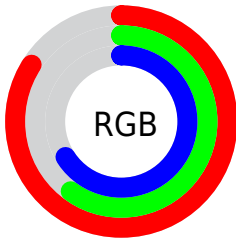
Format	Color
RYB	215, 152, 168
Decimal	14129320
CIELab	69.28, 25.90, 1.13
CIELCh	69, 25.923, 2.491
Yxy	39.7307, 0.3610, 0.3096
Android (android.graphics.Color)	4292319400 (0xFFD798A8)
YUV	172.6610, -2.2979, 37.1313
Hunter-Lab	63.0323, 20.8675, 4.3592

Details

The Hex color **D798A8** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **98D7C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCFDF**, and **9F6474** is the 20% darker color. If you saturate the color by 10%, you get **D78398**, and if you desaturate by 10%, it is **D7AEB8**.

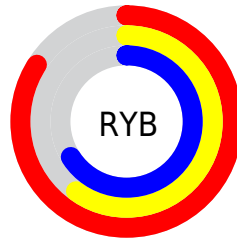
Distribution



Red (84%)

Green (60%)

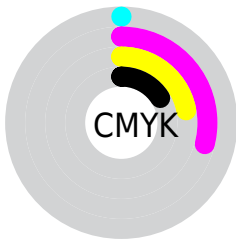
Blue (66%)



Red (84%)

Yellow (60%)

Blue (66%)

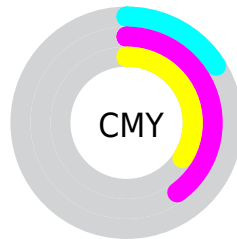


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color D798A8 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 D798A8 by changing the saturation by 10% instead.

 D798A8

 D798A8

FFFFFF

 BB7E8E

 FFCFDF

 9F6474

 FFEBFC

 844C5C

 6A3444

 501D2E

 380619

 240001

 000000

 D798A8

 D798A8

 D78398

 D7AEB8

 D76D88

 D7C3C8

 D75778

 D7D9D8

 D74268

 D7EEE8

 D72D58

 D7FFF8

 D71748

 D7FFFF

 D70138

 D70037

Harmonies

Analogous

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



C99BBF



D798A8



D89A91

Triad

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



D798A8



9FAF81



71B1D2

Complementary

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



D798A8



98D7C7

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.



63B5C1



D798A8



84B493

Square

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



D798A8



B8A87A



6DB6AA



8FABD8

Rectangle

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



D798A8



D19E85



6DB6AA



69B3CE

Sweetspot

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



D798A8



FFE8EE



C698D7



807175



000000



808080

Same Dimension

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



D798A8



FFA6BC



D7A798



6B6063



AB002B



2B000B

Inverse Universe

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



D798A8



FFA6BC



98C8D7



6B6063



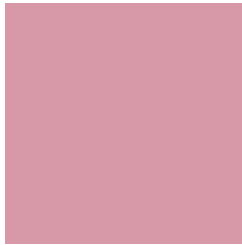
AB002B



2B000B

Previews

White Background



This preview shows how the Hex color D798A8 looks on a white background.

Color Contrast Check

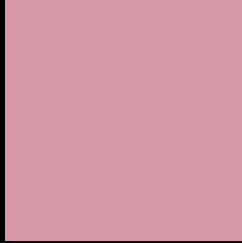
Large Text (above 18pt) WCAG AA × Fail

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 D798A8 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 D798A8 Background



This preview shows how black text looks on a background with the Hex color D798A8.



This preview shows how white text looks on a background with the Hex color D798A8.

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
D798A8

Protanopia
AAA9B2

Deuteranopia
BBA4A6



Tritanopia
D799A4

Trichromacy



Original Color
D798A8



Protanomaly
BAA3AE



Deuteranomaly
C5A0A7



Tritanomaly
D799A5

Monochromacy



Original Color
D798A8



Achromatopsia
ADADAD



Achromatomaly
BCA5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex D798A8 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 #D798A8 looks like.

```
.text, #text, p{  
    color:#D798A8  
}
```

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 #D798A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D798A8
}
```

Border

The CSS property to change the border of an element to Hex D798A8 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
#D798A8 }
```

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

```
.border{ border-color:#D798A8 }
```

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

Here you see how a box with a 4 pixel #D798A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D798A8; -webkit-box-shadow:4px 4px  
4px 4px #D798A8; box-shadow:4px 4px 4px  
4px #D798A8 }
```

Background

The CSS property to change the background color of an element to Hex D798A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D798A8 }
```

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

```
.background{ background-color:#D798A8 }
```

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