

Converting Colors

Hex(D3798A)

Have a look what the booklet for
Hex(D3798A) contains.

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Color

Hex(D3798A)

Conversions

Conversions Part 1

Format	Color
Hex	D3798A
RGB	211, 121, 138
RGB Percent	83%, 47%, 54%
CMY	0.1725, 0.5255, 0.4588
CMYK	0.00, 0.43, 0.35, 0.17
HSL	349°, 51%, 65%
HSV	349°, 43%, 83%
XYZ	38.2888, 29.3586, 27.6935
YIQ	149.8480, 48.1830, 24.3670

Conversions

Conversions Part 2

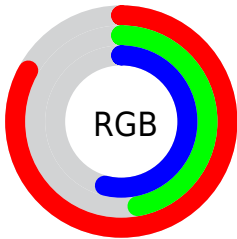
Format	Color
RYB	211, 121, 138
Decimal	13859210
CIELab	61.10, 36.96, 6.21
CIELCh	61, 37.477, 9.535
Yxy	29.3586, 0.4016, 0.3079
Android (android.graphics.Color)	4292049290 (0xFFD3798A)
YUV	149.8480, -5.8411, 53.6303
Hunter-Lab	54.1836, 31.3156, 7.6251

Details

The Hex color **D3798A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79D3C2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFAFBF**, and **9A4658** is the 20% darker color. If you saturate the color by 10%, you get **D36479**, and if you desaturate by 10%, it is **D38E9B**.

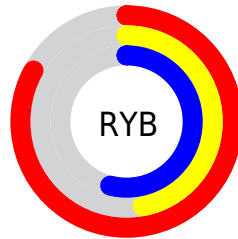
Distribution



Red (83%)

Green (47%)

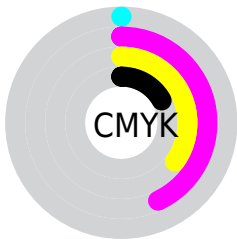
Blue (54%)



Red (83%)

Yellow (47%)

Blue (54%)

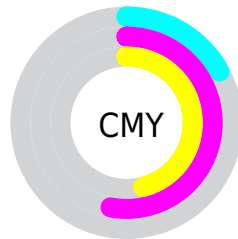


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3798A 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 D3798A by changing the saturation by 10% instead.

 D3798A

 D3798A

FFFFFF

 B65F71

 FFAFBF

 9A4658

 FFCBDB

 7E2D41

 FFE7F8

 63122B

 480017

 320001

 000000

 D3798A

 D3798A

 D36479

 D38E9B

 D34F68

 D3A3AC

 D33A57

 D3B8BD

 D32546

 D3CDCE

 D30F34

 D3E3E0

 D30028

 D3F8F1

 D3FFFF

Harmonies

Analogous

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



C57CAB



D3798A



CF7F6B

Triad

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



D3798A



7A9E5F



2F9DD1

Complementary

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



D3798A



79D3C2

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.



00A3BD



D3798A



4FA37B

Square

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



D3798A



9E9551



03A59D



7393D5

Rectangle

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



D3798A



C3865B



03A59D



01A0CC

Sweetspot

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



D3798A



FFDEE4



C179D3



806B6F



000000



808080

Same Dimension

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



D3798A



FF7D96



D39479



695E60



A80020



290008

Inverse Universe

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



D3798A



FF7D96



79B8D3



695E60



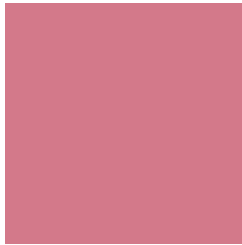
A80020



290008

Previews

White Background



This preview shows how the Hex color D3798A looks on a white background.

Color Contrast Check

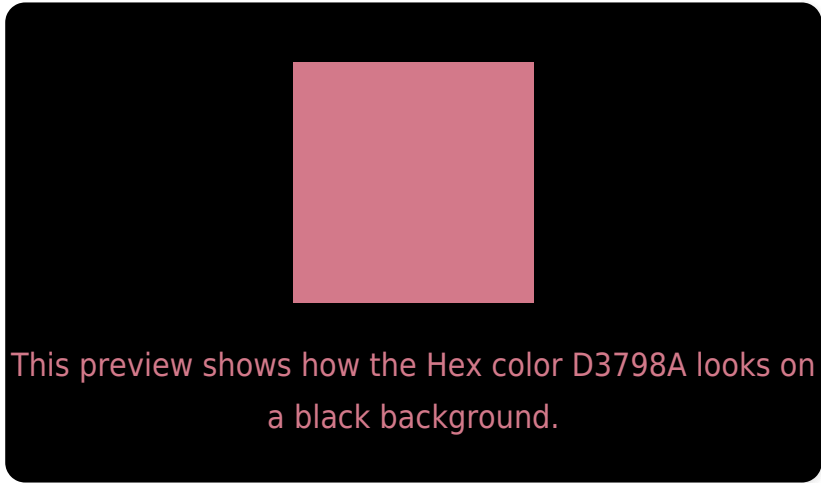
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3798A Background



This preview shows how black text looks on a background with the Hex color D3798A.

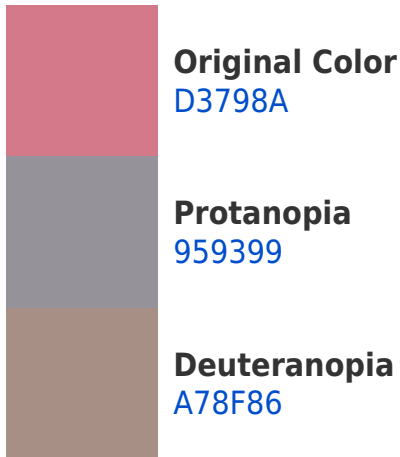



This preview shows how white text looks on a background with the Hex color D3798A.

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](#).

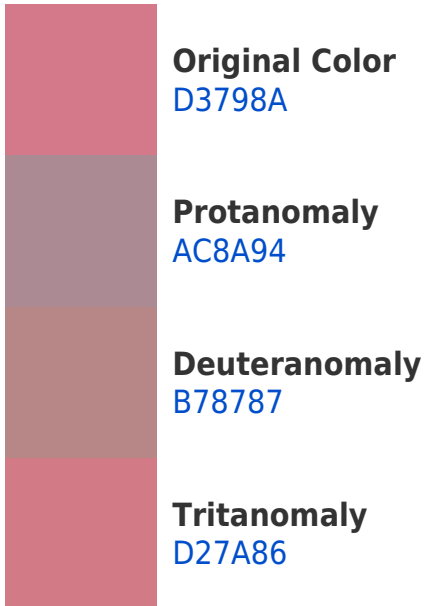
Dichromacy



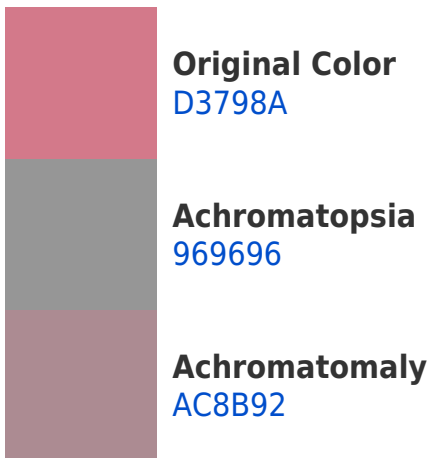


Tritanopia
D27A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3798A 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 #D3798A looks like.

```
.text, #text, p{  
    color:#D3798A  
}
```

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 #D3798A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3798A
}
```

Border

The CSS property to change the border of an element to Hex D3798A 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
#D3798A }
```

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

```
.border{ border-color:#D3798A }
```

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

Here you see how a box with a 4 pixel #D3798A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3798A; -webkit-box-shadow:4px 4px  
4px 4px #D3798A; box-shadow:4px 4px 4px  
4px #D3798A }
```

Background

The CSS property to change the background color of an element to Hex D3798A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3798A }
```

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

```
.background{ background-color:#D3798A }
```

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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