

Converting Colors

Hex(D798E3)

Have a look what the booklet for
Hex(D798E3) contains.

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Color

Hex(D798E3)

Conversions

Conversions Part 1

Format	Color
Hex	D798E3
RGB	215, 152, 227
RGB Percent	84%, 60%, 89%
CMY	0.1569, 0.4039, 0.1098
CMYK	0.05, 0.33, 0.00, 0.11
HSL	290°, 57%, 74%
HSV	290°, 33%, 89%
XYZ	53.1177, 42.4496, 78.0670
YIQ	179.3870, 13.4730, 36.6810

Conversions

Conversions Part 2

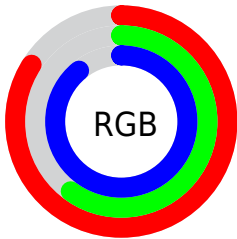
Format	Color
RYB	215, 152, 227
Decimal	14129379
CIELab	71.18, 36.07, -28.70
CIELCh	71, 46.094, 321.499
Yxy	42.4496, 0.3059, 0.2445
Android (android.graphics.Color)	4292319459 (0xFFD798E3)
YUV	179.3870, 23.4732, 31.2326
Hunter-Lab	65.1534, 31.5077, -25.4342

Details

The Hex color **D798E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A4E398**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCFFF**, and **9F64AB** is the 20% darker color. If you saturate the color by 10%, you get **D381E3**, and if you desaturate by 10%, it is **DBAFE3**.

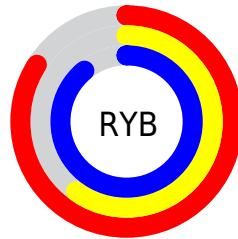
Distribution



Red (84%)

Green (60%)

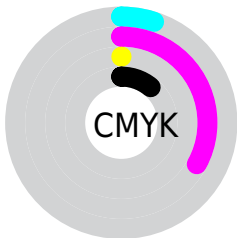
Blue (89%)



Red (84%)

Yellow (60%)

Blue (89%)

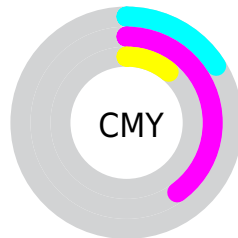


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D798E3 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 D798E3 by changing the saturation by 10% instead.

 D798E3

 D798E3

FFFFFF

 BB7EC7

 FFCFFF

 9F64AB

 FFECFF

 844B91

 6A3377

 511A5E

 380046

 24002F

 000119

 000000

 D798E3

 D798E3

 D381E3

 DBAFE3

 D06BE3

 DEC5E3

 CC54E3

 E2DCE3

 C83DE3

 E6F3E3

 C527E3

 E9FFE3

 C110E3

 EDFFE3

 BF00E3

 F0FFE3

 F4FFE3

 F8FFE3

Harmonies

Analogous

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



A0A8FC



D798E3



F78DBC

Triad

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



D798E3



D3A85A



00C4CC

Complementary

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



D798E3



A4E398

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.



34C3A0



D798E3



AAB55E

Square

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



D798E3



F1996E



79BE78



00C0EF

Rectangle

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



D798E3



FE8CA0



79BE78



00C4BE

Sweetspot

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



D798E3



FBE6FF



98A5E3



7D7080



000000



808080

Same Dimension

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



D798E3



EF99FF



E398CA



716773



9600B3



2B0033

Inverse Universe

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



E398A4



FF99A9



98E3B1



736769



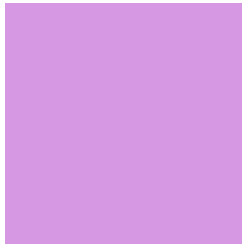
B3001D



330008

Previews

White Background



This preview shows how the Hex color D798E3 looks on a white background.

Color Contrast Check

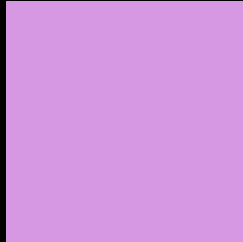
Large Text (above 18pt) WCAG AA × Fail

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 D798E3 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 D798E3 Background



This preview shows how black text looks on a background with the Hex color D798E3.

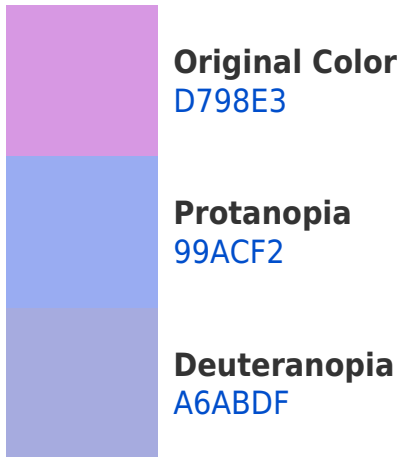


This preview shows how white text looks on a background with the Hex color D798E3.

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](#).

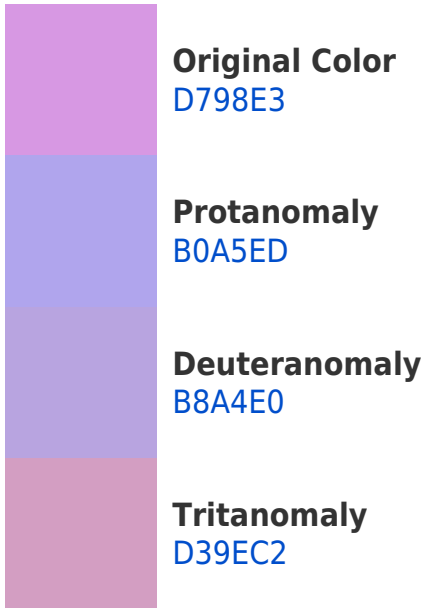
Dichromacy



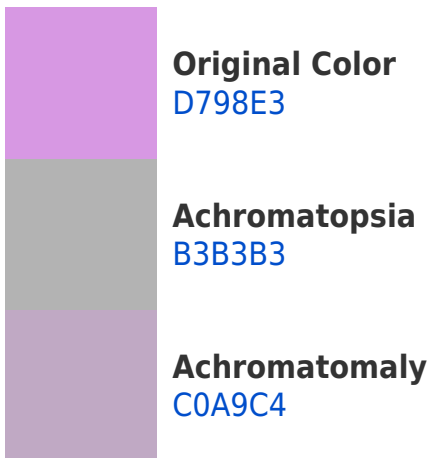


Tritanopia
D0A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D798E3 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 #D798E3 looks like.

```
.text, #text, p{  
    color:#D798E3  
}
```

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 #D798E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D798E3
}
```

Border

The CSS property to change the border of an element to Hex D798E3 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
#D798E3 }
```

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

```
.border{ border-color:#D798E3 }
```

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

Here you see how a box with a 4 pixel #D798E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D798E3; -webkit-box-shadow:4px 4px  
4px 4px #D798E3; box-shadow:4px 4px 4px  
4px #D798E3 }
```

Background

The CSS property to change the background color of an element to Hex D798E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D798E3 }
```

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

```
.background{ background-color:#D798E3 }
```

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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