

Converting Colors

Hex(D98CEB)

Have a look what the booklet for
Hex(D98CEB) contains.

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Color

Hex(D98CEB)

Conversions

Conversions Part 1

Format	Color
Hex	D98CEB
RGB	217, 140, 235
RGB Percent	85%, 55%, 92%
CMY	0.1490, 0.4510, 0.0784
CMYK	0.08, 0.40, 0.00, 0.08
HSL	289°, 70%, 74%
HSV	289°, 40%, 92%
XYZ	52.9888, 39.5060, 83.4299
YIQ	173.8530, 15.3970, 45.8690

Conversions

Conversions Part 2

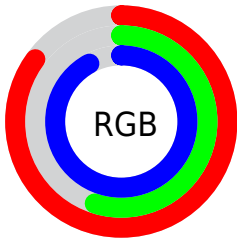
Format	Color
R _Y B	217, 140, 235
Decimal	14257387
CIE Lab	69.12, 44.63, -36.26
CIE LCh	69, 57.507, 320.909
Yxy	39.5060, 0.3012, 0.2246
Android (android.graphics.Color)	4292447467 (0xFFD98CEB)
YUV	173.8530, 30.1455, 37.8399
Hunter-Lab	62.8538, 40.4897, -34.7017

Details

The Hex color **D98CEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **9EEB8C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFC3FF**, and **A158B3** is the 20% darker color. If you saturate the color by 10%, you get **D575EB**, and if you desaturate by 10%, it is **DDA4EB**.

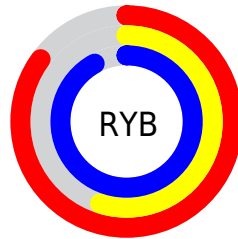
Distribution



Red (85%)

Green (55%)

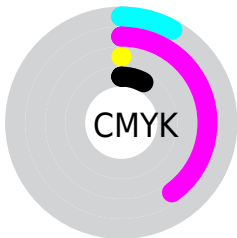
Blue (92%)



Red (85%)

Yellow (55%)

Blue (92%)

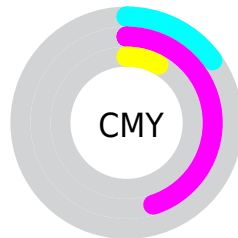


Cyan (8%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (15%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D98CEB 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 D98CEB by changing the saturation by 10% instead.

 D98CEB

 D98CEB

FFFFFF

 BC71CF

 FFC3FF

 A158B3

 FFDFFF

 853E98

 FFFCFF

 6B247E

 510664

 37004C

 220035

 00021E

 000001

 D98CEB

 D98CEB

 D575EB

 DDA4EB

 D05DEB

 E2BBEB

 CC46EB

 E6D3EB

 C72EEB

 EBEBEB

 C317EB

 EFFFEB

 BE00EB

 F4FFEB

 F8FFEB

 FDFFEB

 FFFFEB

Harmonies

Analogous

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



90A1FF



D98CEB



FF7CBB

Triad

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



D98CEB



D3A03D



00C2CC

Complementary

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



D98CEB



9EEB8C

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.



00C197



D98CEB



A2B141

Square

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



D98CEB



F88D59



63BC64



00BEF9

Rectangle

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



D98CEB



FF7A98



63BC64



00C3BB

Sweetspot

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



D98CEB



F9E0FF



8C9FEB



7C6E80



000000



808080

Same Dimension

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



D98CEB



E782FF



EB8CCF



736A75



9300B5



2B0036

Inverse Universe

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



EB8C9E



FF829A



8CEBA9



756A6C



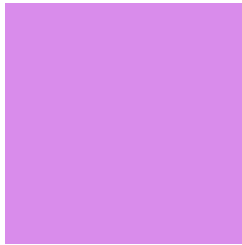
B50022



36000A

Previews

White Background



This preview shows how the Hex color D98CEB looks on a white background.

Color Contrast Check

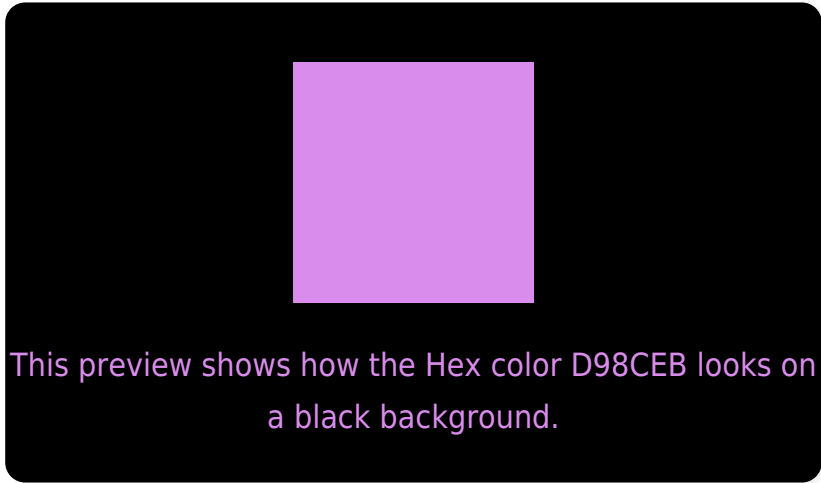
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

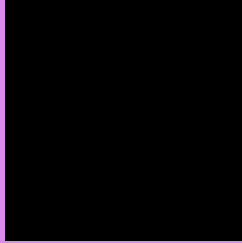
Any Text WCAG AA ✓ Pass

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 D98CEB Background



This preview shows how black text looks on a background with the Hex color D98CEB.



This preview shows how white text looks on a background with the Hex color D98CEB.

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](#).

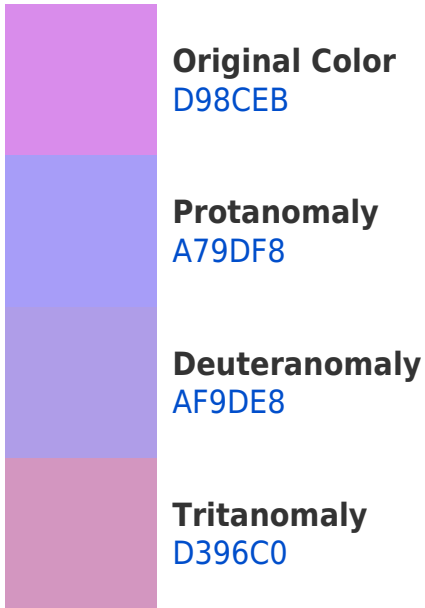
Dichromacy





Tritanopia
CF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D98CEB 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 #D98CEB looks like.

```
.text, #text, p{  
    color:#D98CEB  
}
```

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 #D98CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98CEB
}
```

Border

The CSS property to change the border of an element to Hex D98CEB 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
#D98CEB }
```

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

```
.border{ border-color:#D98CEB }
```

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

Here you see how a box with a 4 pixel #D98CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98CEB; -webkit-box-shadow:4px 4px  
4px 4px #D98CEB; box-shadow:4px 4px 4px  
4px #D98CEB }
```

Background

The CSS property to change the background color of an element to Hex D98CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98CEB }
```

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

```
.background{ background-color:#D98CEB }
```

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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