

Converting Colors

Hex(CD8DC8)

Have a look what the booklet for
Hex(CD8DC8) contains.

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Color

Hex(CD8DC8)

Conversions

Conversions Part 1

Format	Color
Hex	CD8DC8
RGB	205, 141, 200
RGB Percent	80%, 55%, 78%
CMY	0.1961, 0.4471, 0.2157
CMYK	0.00, 0.31, 0.02, 0.20
HSL	305°, 39%, 68%
HSV	305°, 31%, 80%
XYZ	45.1270, 36.1990, 59.2522
YIQ	166.8620, 19.2050, 31.9170

Conversions

Conversions Part 2

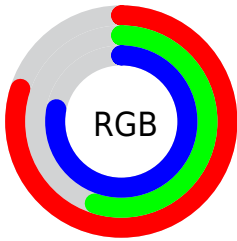
Format	Color
R_{YB}	205, 141, 200
Decimal	13471176
CIE _{Lab}	66.67, 33.72, -20.75
CIE _{LCh}	67, 39.592, 328.398
Yxy	36.1990, 0.3210, 0.2575
Android (android.graphics.Color)	4291661256 (0xFFCD8DC8)
YUV	166.8620, 16.3370, 33.4470
Hunter-Lab	60.1656, 28.5935, -16.2740

Details

The Hex color **CD8DC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DCD92**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC3FF**, and **965A92** is the 20% darker color. If you saturate the color by 10%, you get **CD79C6**, and if you desaturate by 10%, it is **CDA2CA**.

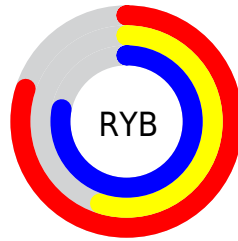
Distribution



Red (80%)

Green (55%)

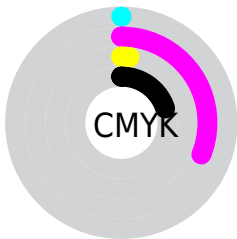
Blue (78%)



Red (80%)

Yellow (55%)

Blue (78%)

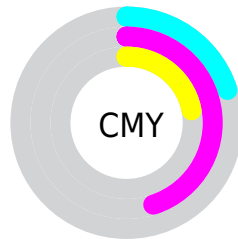


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8DC8 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 CD8DC8 by changing the saturation by 10% instead.



CD8DC8



CD8DC8

FFFFFF



B173AD



FFC3FF



965A92



FFE0FF



7B4178



FFFDFF



61295F



481047



300031



1A001C



000000



CD8DC8



CD8DC8

 CD79C6

 CDA2CA

 CD64C5

 CDB6CB

 CD50C3

 CDCBCD

 CD3BC2

 CDDFCE

 CD27C0

 CDF3D0

 CD12BE

 CDFFD2

 CD00BD

 CDFFD3

 CDFFD5

 CDFFD6

Harmonies

Analogous

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



A39AE1



CD8DC8



E386A6

Triad

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



CD8DC8



BB9F5A



00B4C3

Complementary

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



CD8DC8



8DCD92

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.



34B59F



CD8DC8



96AA62

Square

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



CD8DC8



D79366



6BB17C



0BB0DE

Rectangle

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



CD8DC8



E7878D



6BB17C



00B5B7

Sweetspot

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



CD8DC8



FFE8FD



918DCD



80717E



000000



808080

Same Dimension

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



CD8DC8



FFA1F8



CD8DA9



665C65



A60099



260023

Inverse Universe

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



CD8DC8



FFA1F8



8DCDB1



665C65



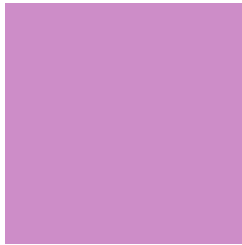
A60099



260023

Previews

White Background



This preview shows how the Hex color CD8DC8 looks on a white background.

Color Contrast Check

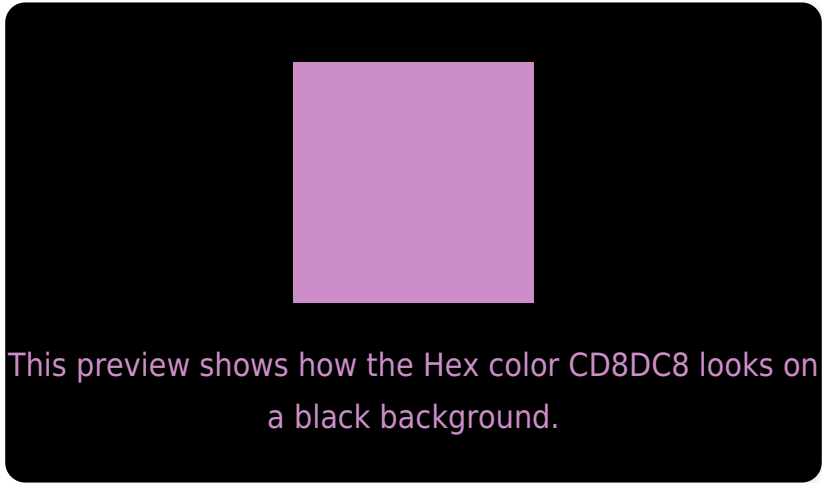
Large Text (above 18pt) WCAG AA × Fail

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

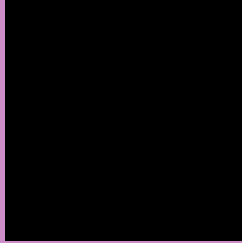
Any Text WCAG AA ✓ Pass

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 CD8DC8 Background



This preview shows how black text looks on a background with the Hex color CD8DC8.

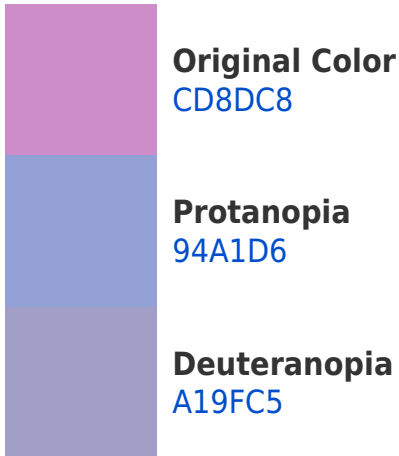


This preview shows how white text looks on a background with the Hex color CD8DC8.

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
C895A0

Trichromacy



Original Color
CD8DC8



Protanomaly
A99AD1



Deuteranomaly
B198C6

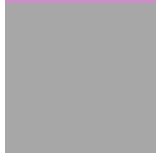


Tritanomaly
CA92AF

Monochromacy



Original Color
CD8DC8



Achromatopsia
A7A7A7



Achromatomaly
B59EB3

CSS Examples

Text

The CSS property to change the color of the text to Hex CD8DC8 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 #CD8DC8 looks like.

```
.text, #text, p{  
    color:#CD8DC8  
}
```

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 #CD8DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8DC8  
}
```

Border

The CSS property to change the border of an element to Hex CD8DC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

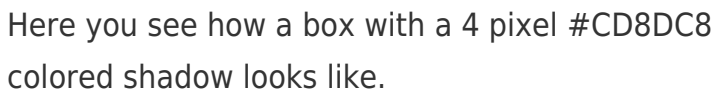
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CD8DC8 }
```

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

```
.border{ border-color:#CD8DC8 }
```

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



Here you see how a box with a 4 pixel `#CD8DC8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8DC8; -webkit-box-shadow:4px 4px  
4px 4px #CD8DC8; box-shadow:4px 4px 4px  
4px #CD8DC8 }
```

Background

The CSS property to change the background color of an element to Hex CD8DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8DC8 }
```

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

```
.background{ background-color:#CD8DC8 }
```

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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