

# Converting Colors

Hex(CD8AD5)

Have a look what the booklet for  
Hex(CD8AD5) contains.

<b>Hex(CD8AD5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CD8AD5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD8AD5
RGB	205, 138, 213
RGB Percent	80%, 54%, 84%
CMY	0.1961, 0.4588, 0.1647
CMYK	0.04, 0.35, 0.00, 0.16
HSL	294°, 47%, 69%
HSV	294°, 35%, 84%
XYZ	46.2756, 35.9602, 67.4528
YIQ	166.5830, 15.8570, 37.5290

# Conversions

## Conversions Part 2

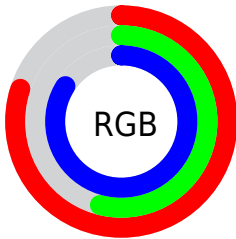
Format	Color
<a href="#">RYB</a>	<a href="#">205, 138, 213</a>
Decimal	<a href="#">13470421</a>
CIELab	<a href="#">66.49, 37.79, -28.27</a>
CIELCh	<a href="#">66, 47.193, 323.198</a>
Yxy	<a href="#">35.9602, 0.3091, 0.2402</a>
Android (android.graphics.Color)	<a href="#">4291660501 (0xFFCD8AD5)</a>
YUV	<a href="#">166.5830, 22.8836, 33.6917</a>
Hunter-Lab	<a href="#">59.9668, 32.8040, -24.7147</a>

# Details

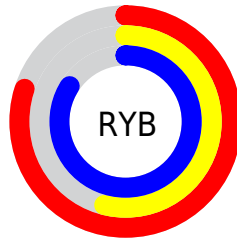
The Hex color **CD8AD5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **92D58A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC0FF**, and **96569E** is the 20% darker color. If you saturate the color by 10%, you get **CB75D5**, and if you desaturate by 10%, it is **CF9FD5**.

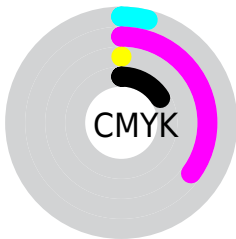
# Distribution



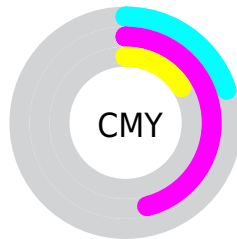
- Red (80%)
- Green (54%)
- Blue (84%)



- Red (80%)
- Yellow (54%)
- Blue (84%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (46%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD8AD5 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 CD8AD5 by changing the saturation by 10% instead.



 CD8AD5

 CD8AD5

FFFFFF

 B170B9

 FFC0FF

 96569E

 FFDDFF

 7B3E84

 FFFAFF

 61256A

 480A52

 2F003A

 190025

 00000C

 000000

 CD8AD5

 CD8AD5

 CB75D5

 CF9FD5

 C85FD5

 D2B5D5

 C64AD5

 D4CAD5

 C435D5

 D6DFD5

 C21FD5

 D8F4D5

 BF0AD5

 DBFFD5

 BE00D5

 DDFFD5

 DFFFD5

 E1FFD5

# Harmonies

## Analogous

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



969AF0



CD8AD5



EB7FAD

# Triad

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



CD8AD5



C49C4C



00B7C2

# Complementary

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



CD8AD5



92D58A

# 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.



00B796



CD8AD5



9AA951

# Square

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



CD8AD5



E28D5F



68B26D



00B3E5

# Rectangle

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



CD8AD5



F27F90



68B26D



00B7B4



# Sweetspot

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



CD8AD5



FCE3FF



8A93D5



7E6F80



000000



808080



# Same Dimension

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



CD8AD5



F494FF



D58AB8



6A606B



9900AB



27002B



# Inverse Universe

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



D58A92



FF949F



8AD5A7



6B6062



AB0012

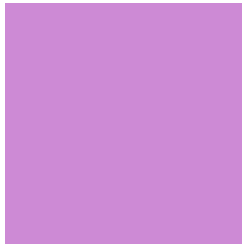


2B0005



# Previews

## White Background



This preview shows how the Hex color CD8AD5 looks on a white background.

## Color Contrast Check

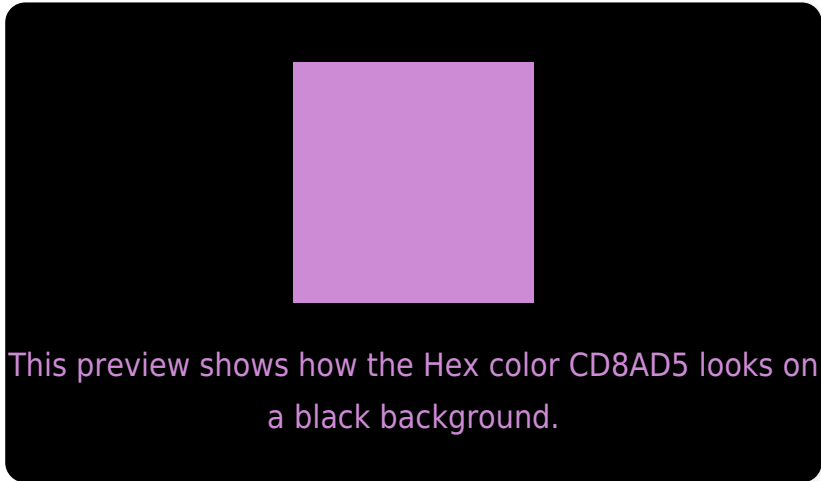
Large Text (above 18pt) WCAG AA × Fail

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

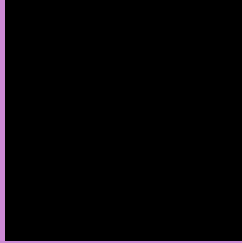
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD8AD5 Background



This preview shows how black text looks on a background with the Hex color CD8AD5.

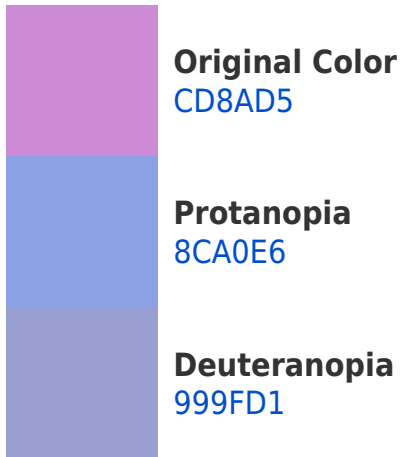


This preview shows how white text looks on a background with the Hex color CD8AD5.

# 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**  
C695A0

# Trichromacy



**Original Color**  
CD8AD5



**Protanomaly**  
A498E0



**Deuteranomaly**  
AC97D2



**Tritanomaly**  
C991B3

# Monochromacy



**Original Color**  
CD8AD5



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
B59CB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD8AD5 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 #CD8AD5 looks like.

```
.text, #text, p{  
    color:#CD8AD5  
}
```

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 #CD8AD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8AD5
}
```

## Border

The CSS property to change the border of an element to Hex CD8AD5 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
#CD8AD5 }
```

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

```
.border{ border-color:#CD8AD5 }
```

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

Here you see how a box with a 4 pixel #CD8AD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8AD5; -webkit-box-shadow:4px 4px  
4px 4px #CD8AD5; box-shadow:4px 4px 4px  
4px #CD8AD5 }
```

# Background

The CSS property to change the background color of an element to Hex CD8AD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8AD5 }
```

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

```
.background{ background-color:#CD8AD5 }
```

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