

Converting Colors

Hex(D48CC9)

Have a look what the booklet for
Hex(D48CC9) contains.

Hex(D48CC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D48CC9)

Conversions

Conversions Part 1

Format	Color
Hex	D48CC9
RGB	212, 140, 201
RGB Percent	83%, 55%, 79%
CMY	0.1686, 0.4510, 0.2118
CMYK	0.00, 0.34, 0.05, 0.17
HSL	309°, 46%, 69%
HSV	309°, 34%, 83%
XYZ	47.0721, 36.9703, 59.9133
YIQ	168.4820, 23.3310, 34.2350

Conversions

Conversions Part 2

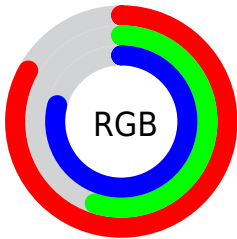
Format	Color
R _Y B	212, 140, 201
Decimal	13929673
CIE Lab	67.25, 36.73, -20.35
CIE LCh	67, 41.992, 331.017
Yxy	36.9703, 0.3270, 0.2568
Android (android.graphics.Color)	4292119753 (0xFFD48CC9)
YUV	168.4820, 16.0314, 38.1653
Hunter-Lab	60.8032, 31.7840, -15.8601

Details

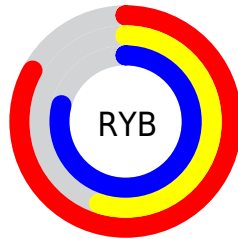
The Hex color **D48CC9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CD497**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFC3FF**, and **9C5893** is the 20% darker color. If you saturate the color by 10%, you get **D477C6**, and if you desaturate by 10%, it is **D4A1CC**.

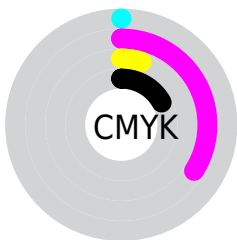
Distribution



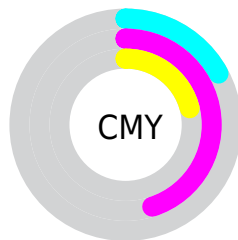
- Red (83%)
- Green (55%)
- Blue (79%)



- Red (83%)
- Yellow (55%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color D48CC9 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 D48CC9 by changing the saturation by 10% instead.

 D48CC9

 D48CC9

FFFFFF

 B872AE

 FFC3FF

 9C5893

 FFDFFF

 813F79

 FFFCFF

 672760

 4E0C48

 350031

 20001C

 000000

 D48CC9

 D48CC9

 D477C6

 D4A1CC

 D462C3

 D4B6CF

 D44CBF

 D4CCD3

 D437BC

 D4E1D6

 D422B9

 D4F6D9

 D40DB6

 D4FFDC

 D400B4

 D4FFE0

 D4FFE3

 D4FFE6

Harmonies

Analogous

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



A999E5



D48CC9



EA85A4

Triad

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



D48CC9



BAA257



00B7C9

Complementary

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



D48CC9



8CD497

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.



1CB7A4



D48CC9



93AD61

Square

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



D48CC9



D99562



64B47E



00B1E5

Rectangle

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



D48CC9



EC878B



64B47E



00B7BE

Sweetspot

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



D48CC9



FFE6FB



978CD4



80707D



000000



808080

Same Dimension

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



D48CC9



FF96EF



D48CA5



6B6069



AB0091



2B0025

Inverse Universe

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



D48CC9



FF96EF



8CD4BB



6B6069



AB0091



2B0025

Previews

White Background



This preview shows how the Hex color D48CC9 looks on a white background.

Color Contrast Check

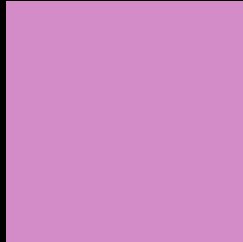
Large Text (above 18pt) WCAG AA × Fail

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 D48CC9 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 D48CC9 Background



This preview shows how black text looks on a background with the Hex color D48CC9.

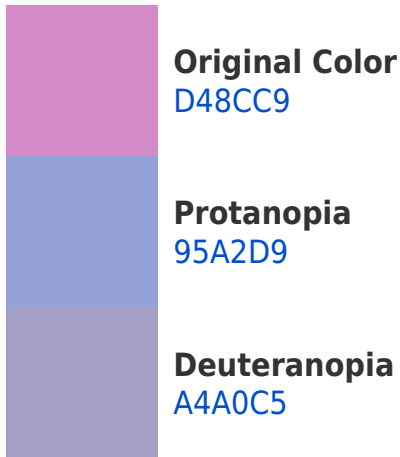


This preview shows how white text looks on a background with the Hex color D48CC9.

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
CF949F

Trichromacy



Original Color
D48CC9



Protanomaly
AC9AD3



Deuteranomaly
B599C6



Tritanomaly
D191AE

Monochromacy



Original Color
D48CC9



Achromatopsia
A8A8A8



Achromatomaly
B89EB4

CSS Examples

Text

The CSS property to change the color of the text to Hex D48CC9 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 #D48CC9 looks like.

```
.text, #text, p{  
    color:#D48CC9  
}
```

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 #D48CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48CC9
}
```

Border

The CSS property to change the border of an element to Hex D48CC9 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
#D48CC9 }
```

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

```
.border{ border-color:#D48CC9 }
```

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

Here you see how a box with a 4 pixel #D48CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48CC9; -webkit-box-shadow:4px 4px  
4px 4px #D48CC9; box-shadow:4px 4px 4px  
4px #D48CC9 }
```

Background

The CSS property to change the background color of an element to Hex D48CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48CC9 }
```

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

```
.background{ background-color:#D48CC9 }
```

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