

Converting Colors

Hex(D089C9)

Have a look what the booklet for
Hex(D089C9) contains.

Hex(D089C9)	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(D089C9)

Conversions

Conversions Part 1

Format	Color
Hex	D089C9
RGB	208, 137, 201
RGB Percent	82%, 54%, 79%
CMY	0.1843, 0.4627, 0.2118
CMYK	0.00, 0.34, 0.03, 0.18
HSL	306°, 43%, 68%
HSV	306°, 34%, 82%
XYZ	45.5007, 35.5183, 59.7159
YIQ	165.5250, 21.7720, 34.9560

Conversions

Conversions Part 2

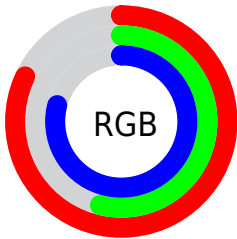
Format	Color
R _Y B	208, 137, 201
Decimal	13666761
CIE Lab	66.15, 37.04, -22.07
CIE LCh	66, 43.119, 329.212
Yxy	35.5183, 0.3233, 0.2524
Android (android.graphics.Color)	4291856841 (0xFFD089C9)
YUV	165.5250, 17.4892, 37.2506
Hunter-Lab	59.5972, 31.9844, -17.6900

Details

The Hex color **D089C9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89D090**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBFFF**, and **985593** is the 20% darker color. If you saturate the color by 10%, you get **D074C7**, and if you desaturate by 10%, it is **D09ECB**.

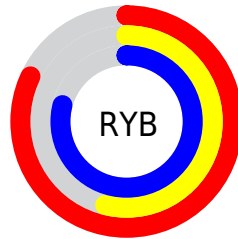
Distribution



Red (82%)

Green (54%)

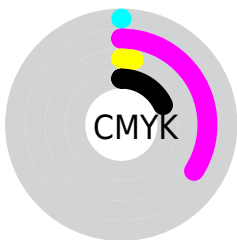
Blue (79%)



Red (82%)

Yellow (54%)

Blue (79%)

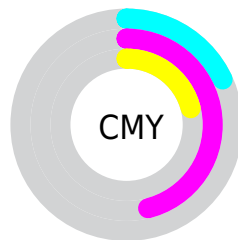


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color D089C9 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 D089C9 by changing the saturation by 10% instead.

 D089C9

 D089C9

FFFFFF

 B46FAE

 FFBBFF

 985593

 FFDCFF

 7E3D79

 FFF8FF

 642460

 4A0948

 320031

 1B001C

 000000

 D089C9

 D089C9

 D074C7

 D09ECB

 D05FC5

 D0B3CD

 D04BC3

 D0C7CF

 D036C1

 D0DCD1

 D021BF

 D0F1D3

 D00CBD

 D0FFD5

 D000BB

 D0FFD7

 D0FFD9

 D0FFDB

Harmonies

Analogous

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



A397E4



D089C9



E781A3

Triad

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



D089C9



BA9E52



00B4C5

Complementary

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



D089C9



89D090

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.



0FB59E



D089C9



92AA5B

Square

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



D089C9



D8905F



62B178



00AFE2

Rectangle

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



D089C9



EB8289



62B178



00B5B9

Sweetspot

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



D089C9



FFE6FC



8F89D0



80707E



000000



808080

Same Dimension

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



D089C9



FF96F5



D089A7



695E68



A80098



290025

Inverse Universe

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



D089C9



FF96F5



89D0B2



695E68



A80098



290025

Previews

White Background



This preview shows how the Hex color D089C9 looks on a white background.

Color Contrast Check

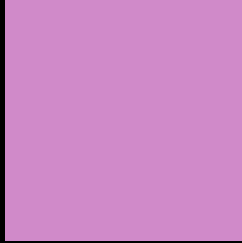
Large Text (above 18pt) WCAG AA × Fail

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 D089C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

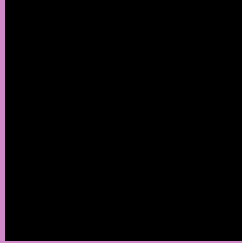
Any Text WCAG AA ✓ Pass

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 D089C9 Background



This preview shows how black text looks on a background with the Hex color D089C9.

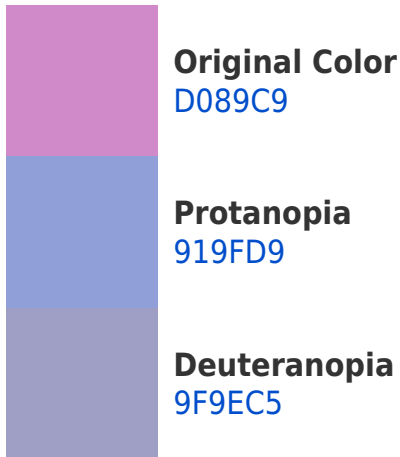



This preview shows how white text looks on a background with the Hex color D089C9.

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](#).

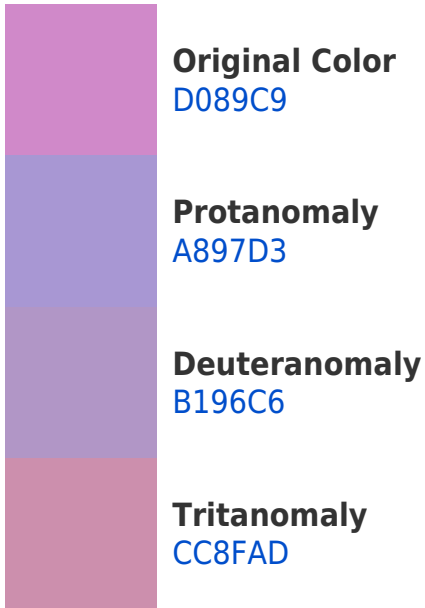
Dichromacy





Tritanopia
CA929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D089C9 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 #D089C9 looks like.

```
.text, #text, p{  
    color:#D089C9  
}
```

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 #D089C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D089C9
}
```

Border

The CSS property to change the border of an element to Hex D089C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

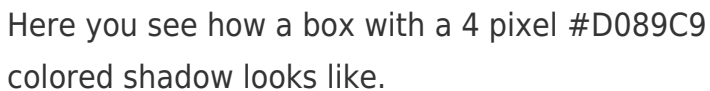
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D089C9 }
```

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

```
.border{ border-color:#D089C9 }
```

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



Here you see how a box with a 4 pixel `#D089C9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D089C9; -webkit-box-shadow:4px 4px  
4px 4px #D089C9; box-shadow:4px 4px 4px  
4px #D089C9 }
```

Background

The CSS property to change the background color of an element to Hex D089C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D089C9 }
```

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

```
.background{ background-color:#D089C9 }
```

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