

# Converting Colors

Hex(C089DD)

Have a look what the booklet for  
Hex(C089DD) contains.

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# **Color**

**Hex(C089DD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C089DD
RGB	192, 137, 221
RGB Percent	75%, 54%, 87%
CMY	0.2471, 0.4627, 0.1333
CMYK	0.13, 0.38, 0.00, 0.13
HSL	279°, 55%, 70%
HSV	279°, 38%, 87%
XYZ	43.7350, 34.3182, 72.7256
YIQ	163.0210, 5.8160, 37.7840

# Conversions

## Conversions Part 2

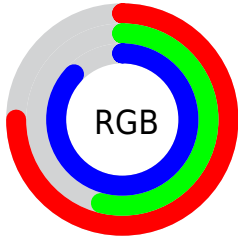
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 137, 221
Decimal	12618205
CIELab	65.21, 35.95, -34.80
CIELCh	65, 50.035, 315.930
Yxy	34.3182, 0.2901, 0.2276
Android (android.graphics.Color)	4290808285 (0xFFC089DD)
YUV	163.0210, 28.5836, 25.4146
Hunter-Lab	58.5818, 30.7435, -32.5976

# Details

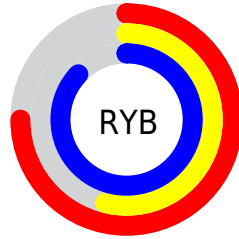
The Hex color **C089DD** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A6DD89**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F9BFFF**, and **8956A6** is the 20% darker color. If you saturate the color by 10%, you get **B873DD**, and if you desaturate by 10%, it is **C89FDD**.

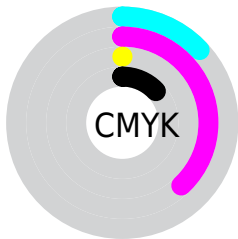
# Distribution



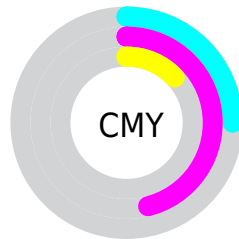
- Red (75%)
- Green (54%)
- Blue (87%)



- Red (75%)
- Yellow (54%)
- Blue (87%)



- Cyan (13%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (46%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C089DD 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 C089DD by changing the saturation by 10% instead.



 C089DD

 C089DD

FFFFFF

 A46FC1

 F9BFFF

 8956A6

 FFDBFF

 6F3D8B

 FFF8FF

 552671

 3C0D58

 240040

 04002A

 000114

 000000

 C089DD

 C089DD

 B873DD

 C89FDD

 B15DDD

 CFB5DD

 A947DD

 D7CBDD

 A131DD


 DFE1DD

 9A1ADD

 E6F8DD

 9204DD

 EEFFDD

 9100DD

 F5FFDD

 FDFFDD

 FFFFDD

# Harmonies

## Analogous

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



7E9BF4



C089DD



E67BB5

# Triad

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



C089DD



CA9445



00B5B5

# Complementary

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



C089DD



A6DD89

# 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.



12B387



C089DD



A1A344

# Square

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



C089DD



E78460



6EAE5E



00B2DE

# Rectangle

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



C089DD



F17897



6EAE5E



00B5A6



# Sweetspot

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



C089DD



F5E3FF



89A6DD



7A6F80



000000



808080



# Same Dimension

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



C089DD



D78AFF



DD89D0



6A636E



7200AD



1E002E



# Inverse Universe

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



DD89A6



FF8AB2



89DD96



6E6366



AD003C

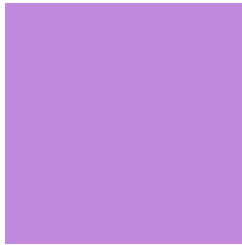


2E0010



# Previews

## White Background



This preview shows how the Hex color C089DD looks on a white background.

## Color Contrast Check

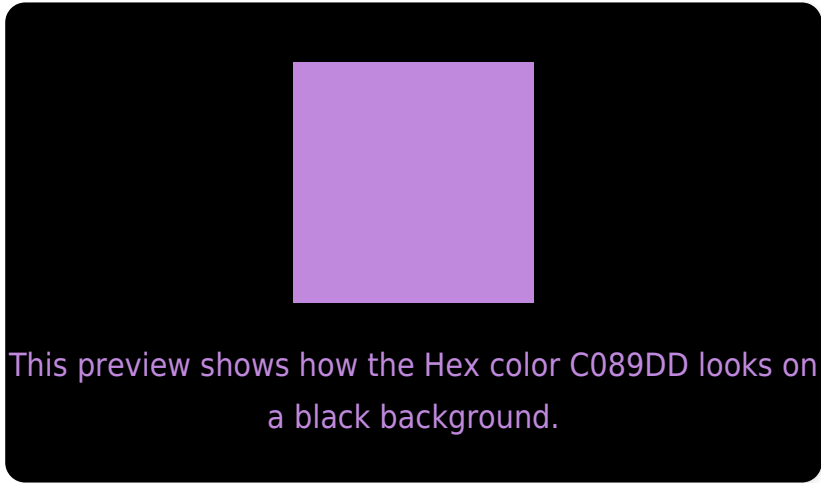
Large Text (above 18pt) WCAG AA × Fail

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

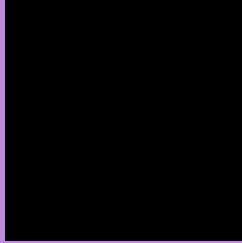
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C089DD Background



This preview shows how black text looks on a background with the Hex color C089DD.

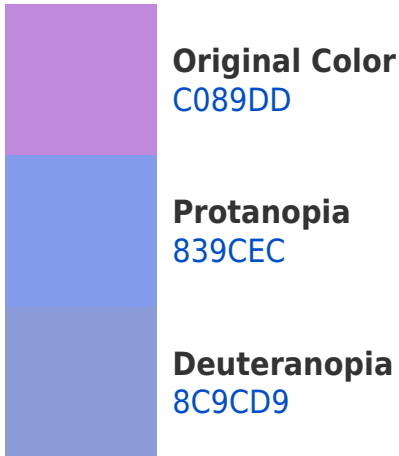


This preview shows how white text looks on a background with the Hex color C089DD.

# 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**  
B796A1

# Trichromacy



**Original Color**  
C089DD



**Protanomaly**  
9995E7



**Deuteranomaly**  
9F95DA

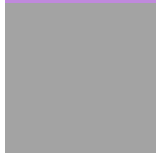


**Tritanomaly**  
BA91B7

# Monochromacy



**Original Color**  
C089DD



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
AE9AB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C089DD 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 #C089DD looks like.

```
.text, #text, p{  
    color:#C089DD  
}
```

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 #C089DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C089DD
}
```

## Border

The CSS property to change the border of an element to Hex C089DD 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
#C089DD }
```

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

```
.border{ border-color:#C089DD }
```

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

Here you see how a box with a 4 pixel #C089DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C089DD; -webkit-box-shadow:4px 4px  
4px 4px #C089DD; box-shadow:4px 4px 4px  
4px #C089DD }
```

# Background

The CSS property to change the background color of an element to Hex C089DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C089DD }
```

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

```
.background{ background-color:#C089DD }
```

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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