

# Converting Colors

Hex(D089D2)

Have a look what the booklet for  
Hex(D089D2) contains.

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# **Color**

**Hex(D089D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D089D2
RGB	208, 137, 210
RGB Percent	82%, 54%, 82%
CMY	0.1843, 0.4627, 0.1765
CMYK	0.01, 0.35, 0.00, 0.18
HSL	298°, 45%, 68%
HSV	298°, 35%, 82%
XYZ	46.5909, 35.9544, 65.4570
YIQ	166.5510, 18.8830, 37.7550

# Conversions

## Conversions Part 2

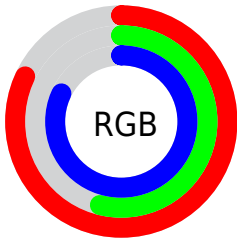
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 137, 210
Decimal	13666770
CIE <sub>Lab</sub>	66.49, 38.70, -26.58
CIE <sub>LCh</sub>	66, 46.948, 325.516
Yxy	35.9544, 0.3148, 0.2429
Android (android.graphics.Color)	4291856850 (0xFFD089D2)
YUV	166.5510, 21.4204, 36.3508
Hunter-Lab	59.9620, 33.7626, -22.7501

# Details

The Hex color **D089D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BD289**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBFFF**, and **98559B** is the 20% darker color. If you saturate the color by 10%, you get **CF74D2**, and if you desaturate by 10%, it is **D19ED2**.

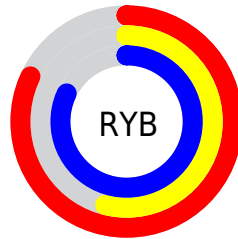
# Distribution



Red (82%)

Green (54%)

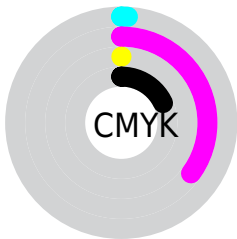
Blue (82%)



Red (82%)

Yellow (54%)

Blue (82%)

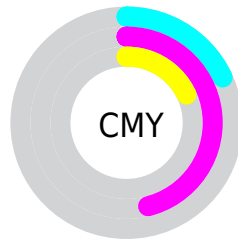


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D089D2 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 D089D2 by changing the saturation by 10% instead.



 D089D2

 D089D2

FFFFFF

 B46FB6

 FFBFFF

 98559B

 FFDCFF

 7E3C81

 FFF9FF

 632468

 4A084F

 320038

 1B0022

 000008

 000000

 D089D2

 D089D2

 CF74D2

 D19ED2

 CF5FD2

 D1B3D2

 CE4AD2

 D2C8D2

 CE35D2

 D2DDD2

 CD20D2

 D3F2D2

 CD0BD2

 D3FFD2

 CC00D2

 D4FFD2

 D5FFD2

# Harmonies

## Analogous

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



9B99EE



D089D2



EC7FAA

# Triad

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



D089D2



C19D4B



00B7C5

# Complementary

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



D089D2



8BD289

# 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.



00B79A



D089D2



97AA53

# Square

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



D089D2



E08E5D



64B370



00B2E6

# Rectangle

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



D089D2



F27F8D



64B370



00B7B7



# Sweetspot

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



D089D2



FEE6FF



898BD2



7F7080



000000



808080



# Same Dimension

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



D089D2



FC94FF



D289B0



685E69



A400A8



280029



# Inverse Universe

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



D2898B



FF9497



89D2AB



695E5E



A80005



290001



# Previews

## White Background



This preview shows how the Hex color D089D2 looks on a white background.

## Color Contrast Check

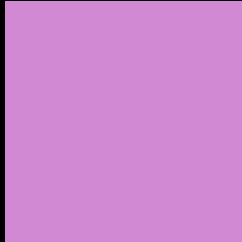
Large Text (above 18pt) WCAG AA × Fail

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 D089D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

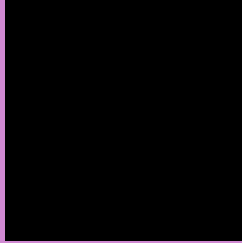
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D089D2 Background



This preview shows how black text looks on a background with the Hex color D089D2.

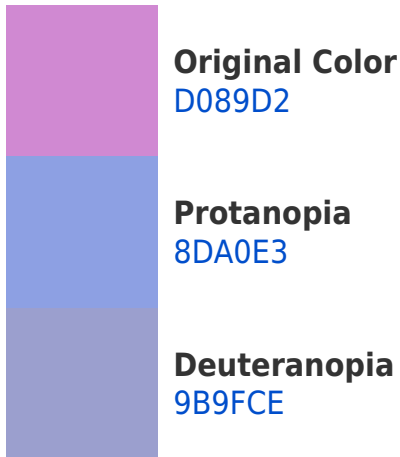



This preview shows how white text looks on a background with the Hex color D089D2.

# 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**  
C9939F

# Trichromacy



**Original Color**  
D089D2



**Protanomaly**  
A598DD



**Deuteranomaly**  
AE97CF



**Tritanomaly**  
CC8FB2

# Monochromacy



**Original Color**  
D089D2



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
B69CB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D089D2 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 #D089D2 looks like.

```
.text, #text, p{  
    color:#D089D2  
}
```

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 #D089D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D089D2
}
```

## Border

The CSS property to change the border of an element to Hex D089D2 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
#D089D2 }
```

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

```
.border{ border-color:#D089D2 }
```

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

Here you see how a box with a 4 pixel #D089D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D089D2; -webkit-box-shadow:4px 4px  
4px 4px #D089D2; box-shadow:4px 4px 4px  
4px #D089D2 }
```

# Background

The CSS property to change the background color of an element to Hex D089D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D089D2 }
```

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

```
.background{ background-color:#D089D2 }
```

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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