

# Converting Colors

Hex(D089B7)

Have a look what the booklet for  
Hex(D089B7) contains.

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**Color**

**Hex(D089B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D089B7
RGB	208, 137, 183
RGB Percent	82%, 54%, 72%
CMY	0.1843, 0.4627, 0.2824
CMYK	0.00, 0.34, 0.12, 0.18
HSL	321°, 43%, 68%
HSV	321°, 34%, 82%
XYZ	43.5053, 34.7201, 49.2084
YIQ	163.4730, 27.5500, 29.3580

# Conversions

## Conversions Part 2

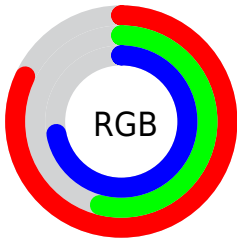
Format	Color
R <sub>Y</sub> B	208, 137, 183
Decimal	13666743
CIE Lab	65.53, 33.91, -12.91
CIE LCh	66, 36.287, 339.155
Yxy	34.7201, 0.3414, 0.2725
Android (android.graphics.Color)	4291856823 (0xFFD089B7)
YUV	163.4730, 9.6268, 39.0502
Hunter-Lab	58.9238, 28.6757, -8.2676

# Details

The Hex color **D089B7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89D0A2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBFEE**, and **985682** is the 20% darker color. If you saturate the color by 10%, you get **D074B0**, and if you desaturate by 10%, it is **D09EBE**.

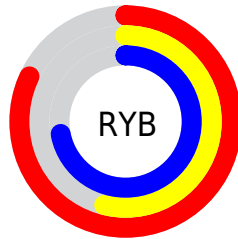
# Distribution



Red (82%)

Green (54%)

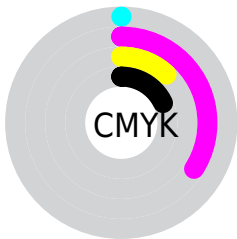
Blue (72%)



Red (82%)

Yellow (54%)

Blue (72%)

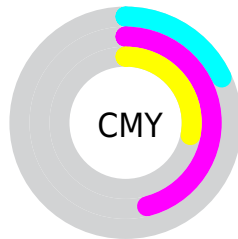


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (18%)



Cyan (18%)

Magenta (46%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D089B7 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 D089B7 by changing the saturation by 10% instead.



 D089B7

 D089B7

FFFFFF

 B46F9C

 FFBFEF

 985682

 FFDBFF

 7E3D69

 FFF8FF

 642551

 4A0B3A

 320024

 19000D

 000000

 D089B7

 D089B7

 D074B0

 D09EBE

 D05FA8

 D0B3C6

 D04BA1

 D0C7CD

 D0369A

 D0DCD4

 D02192

 D0F1DC

 D00C8B

 D0FFE3

 D00087

 D0FFEA

 D0FFF2

 D0FFF9

# Harmonies

## Analogous

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



B093D2



D089B7



DE8696

# Triad

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



D089B7



ABA05E



08AFC7

# Complementary

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



D089B7



89D0A2

# 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.



2FB1A8



D089B7



87A96C

# Square

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



D089B7



C89563



5FAF87



46A9DB

# Rectangle

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



D089B7



DD8881



5FAF87



09B0BE



# Sweetspot

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



D089B7



FFE6F6



A289D0



80707A



000000



808080



# Same Dimension

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



D089B7



FF96DA



D08994



695E65



A8006D



29001A



# Inverse Universe

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



D089B7



FF96DA



89D0C5



695E65



A8006D



29001A



# Previews

## White Background



This preview shows how the Hex color D089B7 looks on a white background.

## Color Contrast Check

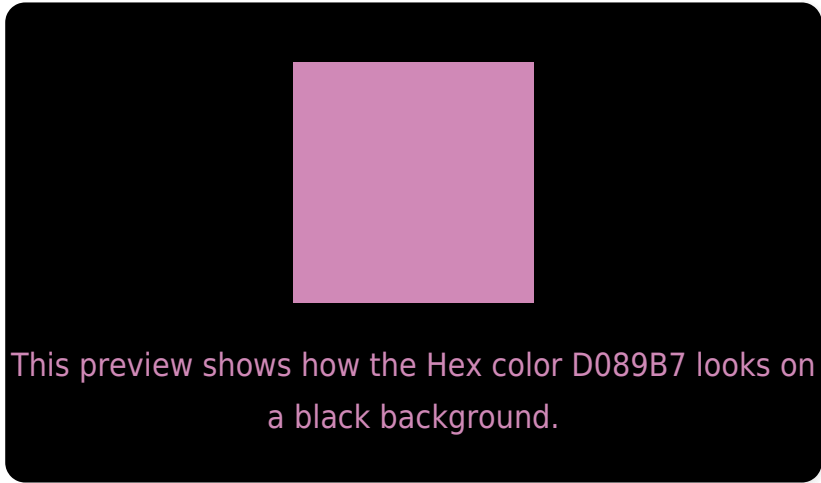
Large Text (above 18pt) WCAG AA × Fail

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

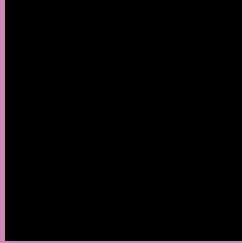
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D089B7 Background



This preview shows how black text looks on a background with the Hex color D089B7.

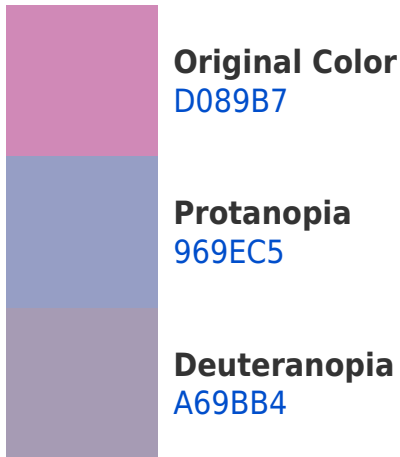


This preview shows how white text looks on a background with the Hex color D089B7.

# 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**  
CC8F99

# Trichromacy



**Original Color**  
D089B7



**Protanomaly**  
AB96C0



**Deuteranomaly**  
B594B5

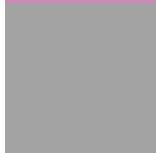


**Tritanomaly**  
CD8DA4

# Monochromacy



**Original Color**  
D089B7



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B39AAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D089B7 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 #D089B7 looks like.

```
.text, #text, p{  
    color:#D089B7  
}
```

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 #D089B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D089B7
}
```

## Border

The CSS property to change the border of an element to Hex D089B7 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
#D089B7 }
```

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

```
.border{ border-color:#D089B7 }
```

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

Here you see how a box with a 4 pixel #D089B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D089B7; -webkit-box-shadow:4px 4px  
4px 4px #D089B7; box-shadow:4px 4px 4px  
4px #D089B7 }
```

# Background

The CSS property to change the background color of an element to Hex D089B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D089B7 }
```

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

```
.background{ background-color:#D089B7 }
```

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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