

# Converting Colors

Hex(D0489D)

Have a look what the booklet for  
Hex(D0489D) contains.

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# Color

**Hex(D0489D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0489D
RGB	208, 72, 157
RGB Percent	82%, 28%, 62%
CMY	0.1843, 0.7176, 0.3843
CMYK	0.00, 0.65, 0.25, 0.18
HSL	322°, 59%, 55%
HSV	322°, 65%, 82%
XYZ	34.4156, 20.4789, 34.0372
YIQ	122.3540, 53.7710, 55.2670

# Conversions

## Conversions Part 2

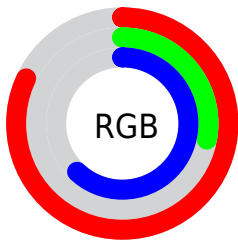
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 72, 157
Decimal	13650077
CIE <sub>Lab</sub>	52.37, 61.66, -17.85
CIE <sub>LCh</sub>	52, 64.190, 343.855
Yxy	20.4789, 0.3870, 0.2303
Android (android.graphics.Color)	4291840157 (0xFFD0489D)
YUV	122.3540, 17.0805, 75.1115
Hunter-Lab	45.2537, 56.5560, -12.9170

# Details

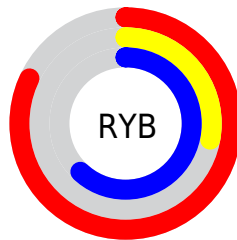
The Hex color **D0489D** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **48D07B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF81D4**, and **96006A** is the 20% darker color. If you saturate the color by 10%, you get **D03395**, and if you desaturate by 10%, it is **D05DA5**.

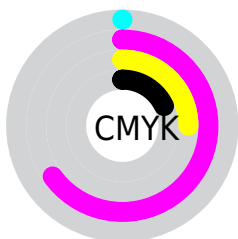
# Distribution



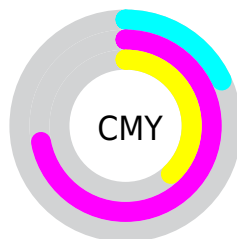
- Red (82%)
- Green (28%)
- Blue (62%)



- Red (82%)
- Yellow (28%)
- Blue (62%)



- Cyan (0%)
- Magenta (65%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (72%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0489D 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 D0489D by changing the saturation by 10% instead.



 D0489D

 D0489D

FFFFFF

 B32983

 FF81D4

 96006A

 FF9DF0

 790051

 FFBAFF

 5E003A

 FFD7FF

 430025

 FFF4FF

 28000D

 000000

 D0489D

 D0489D

 D03395

 D05DA5

 D01E8D

 D072AD

 D00A86

 D086B4

 D00082

 D09BBC

 D0B0C4

 D0C5CC

 D0DAD4

 D0EEDB

 D0FFE3

# Harmonies

## Analogous

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



9F62CD



D0489D



DE4266

# Triad

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



D0489D



7F8200



0094C8

# Complementary

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



D0489D



48D07B

# 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.



009696



D0489D



3D8E24

# Square

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



D0489D



AE6F00



00945C



008CE7

# Rectangle

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



D0489D



D84E43



00945C



0095B9



# Sweetspot

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



D0489D



FFCCEC



7A48D0



806174



000000



808080



# Same Dimension

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



D0489D



FF38B4



D0485A



695E65



A80069



29001A



# Inverse Universe

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



D0489D



FF38B4



48D0BE



695E65



A80069



29001A



# Previews

## White Background



This preview shows how the Hex color D0489D looks on a white background.

## Color Contrast Check

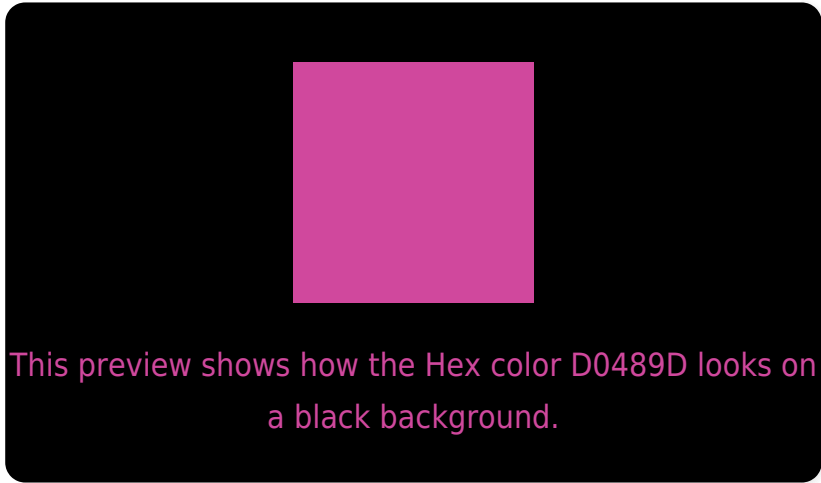
Large Text (above 18pt) WCAG AA ✓ Pass

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

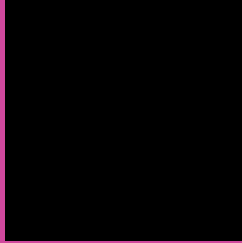
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D0489D Background



This preview shows how black text looks on a background with the Hex color D0489D.

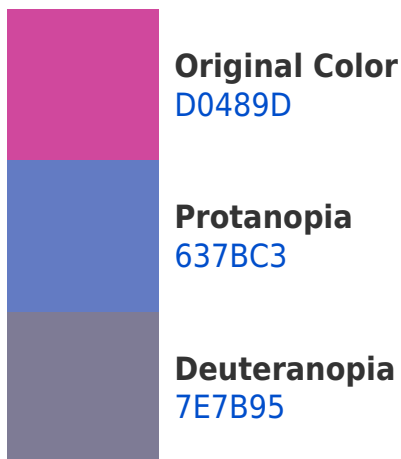


This preview shows how white text looks on a background with the Hex color D0489D.

# 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





# Trichromacy



**Original Color**  
D0489D



**Protanomaly**  
8B68B5



**Deuteranomaly**  
9C6898



**Tritanomaly**  
CD5275

# Monochromacy



**Original Color**  
D0489D



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
996887

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0489D 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 #D0489D looks like.

```
.text, #text, p{  
    color:#D0489D  
}
```

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 #D0489D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0489D
}
```

## Border

The CSS property to change the border of an element to Hex D0489D is called "border". The border property can be set on classes, ids or directly on the HTML element.

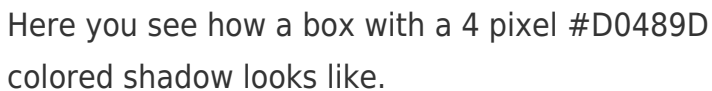
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0489D }
```

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

```
.border{ border-color:#D0489D }
```

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



Here you see how a box with a 4 pixel #D0489D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0489D; -webkit-box-shadow:4px 4px  
4px 4px #D0489D; box-shadow:4px 4px 4px  
4px #D0489D }
```

# Background

The CSS property to change the background color of an element to Hex D0489D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0489D }
```

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

```
.background{ background-color:#D0489D }
```

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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