

# Converting Colors

Hex(D4009A)

Have a look what the booklet for  
Hex(D4009A) contains.

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**Color**

**Hex(D4009A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4009A
RGB	212, 0, 154
RGB Percent	83%, 0%, 60%
CMY	0.1686, 1.0000, 0.3961
CMYK	0.00, 1.00, 0.27, 0.17
HSL	316°, 100%, 42%
HSV	316°, 100%, 83%
XYZ	32.9841, 16.3301, 31.9854
YIQ	80.9440, 76.9180, 92.8380

# Conversions

## Conversions Part 2

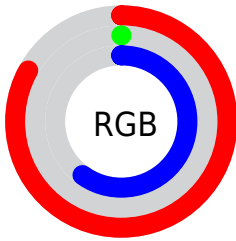
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 0, 154
Decimal	13893786
CIE <sub>Lab</sub>	47.40, 78.07, -23.63
CIE <sub>LCh</sub>	47, 81.568, 343.158
Yxy	16.3301, 0.4057, 0.2009
Android (android.graphics.Color)	4292083866 (0xFFD4009A)
YUV	80.9440, 36.0166, 114.9361
Hunter-Lab	40.4106, 74.9776, -18.6413

# Details

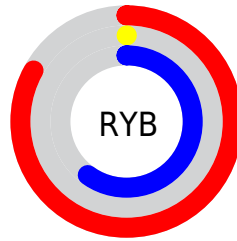
The Hex color **D4009A** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00D43A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5CD1**, and **980067** is the 20% darker color. If you saturate the color by 10%, you get **D4009A**, and if you desaturate by 10%, it is **D415A0**.

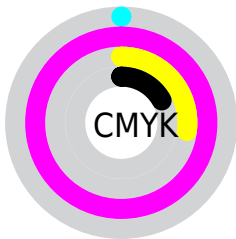
# Distribution



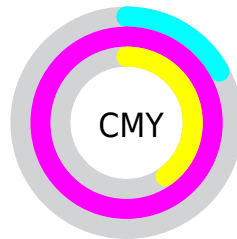
- Red (83%)
- Green (0%)
- Blue (60%)



- Red (83%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4009A 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 D4009A by changing the saturation by 10% instead.



 D4009A

 D4009A

FFFFFF

 B60080

 FF5CD1

 980067

 FF7BED

 7B004E

 FF99FF

 5E0037

 FFB6FF

 420022

 FFD4FF

 250006

 FFF3FF

 000000

 D4009A

 D415A0

 D42AA6

 D440AB

 D455B1

 D46AB7

 D47FBD

 D494C3

 D4AAC8

 D4BFCE

# Harmonies

## Analogous

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



954BD6



D4009A



E40056

# Triad

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



D4009A



6E7700



008BCE

# Complementary

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



D4009A



00D43A

# 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.



008D8E



D4009A



008400

# Square

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



D4009A



A85F00



008A45



0083F6

# Rectangle

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



D4009A



DC2029



008A45



008CBB



# Sweetspot

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



D4009A



FFB3EA



3900D4



805273



000000



808080



# Same Dimension

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



D4009A



FF00B9



D40031



6B6068



AB007C



2B001F



# Inverse Universe

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



D4009A



FF00B9



00D4A3



6B6068



AB007C



2B001F



# Previews

## White Background



This preview shows how the Hex color D4009A looks on a white background.

## Color Contrast Check

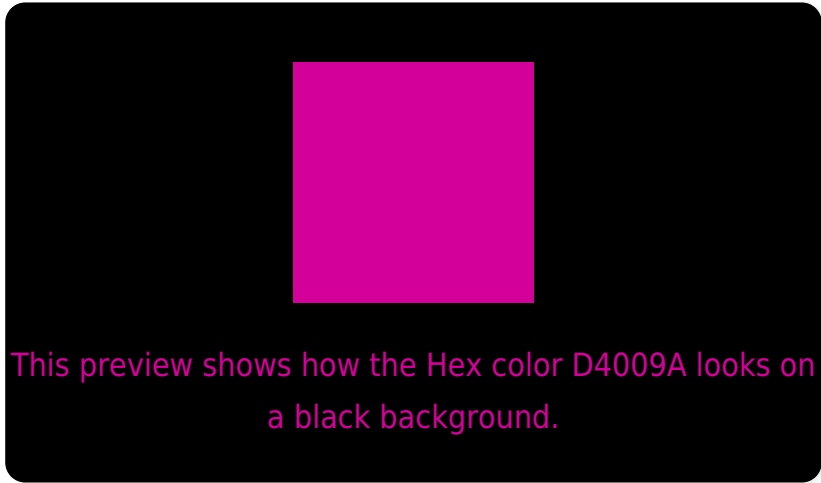
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D4009A Background



This preview shows how black text looks on a background with the Hex color D4009A.



This preview shows how white text looks on a background with the Hex color D4009A.

# 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**  
CD3D40

# Trichromacy



**Original Color**  
D4009A



**Protanomaly**  
6F47C3



**Deuteranomaly**  
934794



**Tritanomaly**  
D02761

# Monochromacy



**Original Color**  
D4009A



**Achromatopsia**  
515151



**Achromatomaly**  
81346C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4009A 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 #D4009A looks like.

```
.text, #text, p{  
    color:#D4009A  
}
```

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 #D4009A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4009A
}
```

## Border

The CSS property to change the border of an element to Hex D4009A 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
#D4009A }
```

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

```
.border{ border-color:#D4009A }
```

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

Here you see how a box with a 4 pixel #D4009A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4009A; -webkit-box-shadow:4px 4px  
4px 4px #D4009A; box-shadow:4px 4px 4px  
4px #D4009A }
```

# Background

The CSS property to change the background color of an element to Hex D4009A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4009A }
```

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

```
.background{ background-color:#D4009A }
```

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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