

# Converting Colors

Hex(D6009C)

Have a look what the booklet for  
Hex(D6009C) contains.

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**Color**

**Hex(D6009C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6009C
RGB	214, 0, 156
RGB Percent	84%, 0%, 61%
CMY	0.1608, 1.0000, 0.3882
CMYK	0.00, 1.00, 0.27, 0.16
HSL	316°, 100%, 42%
HSV	316°, 100%, 84%
XYZ	33.7323, 16.6964, 32.8973
YIQ	81.7700, 77.4680, 93.8840

# Conversions

## Conversions Part 2

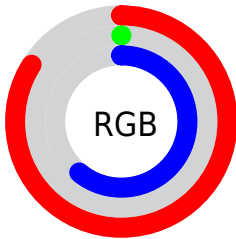
Format	Color
<a href="#">RYB</a>	<a href="#">214, 0, 156</a>
Decimal	<a href="#">14024860</a>
CIELab	<a href="#">47.88, 78.68, -24.07</a>
CIElCh	<a href="#">48, 82.278, 342.987</a>
Yxy	<a href="#">16.6964, 0.4048, 0.2004</a>
Android (android.graphics.Color)	<a href="#">4292214940</a> ( <a href="#">0xFFD6009C</a> )
YUV	<a href="#">81.7700, 36.5954, 115.9657</a>
Hunter-Lab	<a href="#">40.8613, 75.8503, -19.1314</a>

# Details

The Hex color **D6009C** 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 **00D63A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5CD3**, and **9A0068** is the 20% darker color. If you saturate the color by 10%, you get **D6009C**, and if you desaturate by 10%, it is **D615A2**.

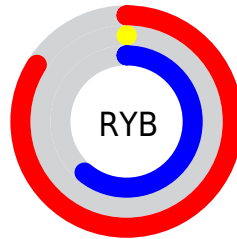
# Distribution



Red (84%)

Green (0%)

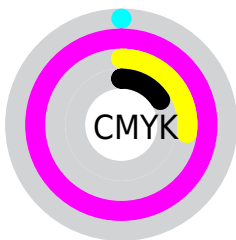
Blue (61%)



Red (84%)

Yellow (0%)

Blue (61%)

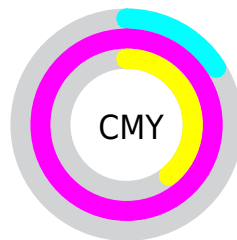


Cyan (0%)

Magenta (100%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6009C 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 D6009C by changing the saturation by 10% instead.



 D6009C

 D6009C

FFFFFF

 B80082

 FF5CD3

 9A0068

 FF7BEF

 7C0050

 FF99FF

 5F0039

 FFB7FF

 440023

 FFD5FF

 260009

 FFF3FF

 000000

 D6009C

 D615A2

 D62BA8

 D640AD

 D656B3

 D66BB9

 D680BF

 D696C5

 D6ABCA

 D6C1D0

# Harmonies

## Analogous

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



964CD9



D6009C



E70057

# Triad

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



D6009C



6F7800



008DD0

# Complementary

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



D6009C



00D63A

# 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.



008E8F



D6009C



008500

# Square

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



D6009C



AA5F00



008C46



0085F8

# Rectangle

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



D6009C



DE1F2A



008C46



008EBC



# Sweetspot

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



D6009C



FFB3EA



3900D6



805273



000000



808080



# Same Dimension

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



D6009C



FF00BA



D60032



6B6068



AB007D



2B0020



# Inverse Universe

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



D6009C



FF00BA



00D6A4



6B6068



AB007D



2B0020



# Previews

## White Background



This preview shows how the Hex color D6009C looks on a white background.

## Color Contrast Check

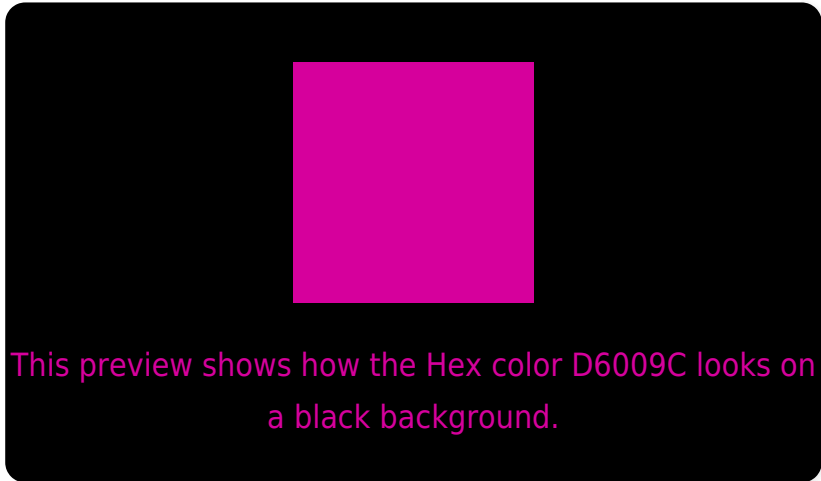
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6009C Background



This preview shows how black text looks on a background with the Hex color D6009C.



This preview shows how white text looks on a background with the Hex color D6009C.

# 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**  
D6009C



**Protanomaly**  
7047C6



**Deuteranomaly**  
944896



**Tritanomaly**  
D22761

# Monochromacy



**Original Color**  
D6009C



**Achromatopsia**  
525252



**Achromatomaly**  
82346D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6009C 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 #D6009C looks like.

```
.text, #text, p{  
    color:#D6009C  
}
```

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 #D6009C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6009C
}
```

## Border

The CSS property to change the border of an element to Hex D6009C 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
#D6009C }
```

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

```
.border{ border-color:#D6009C }
```

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

Here you see how a box with a 4 pixel #D6009C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6009C; -webkit-box-shadow:4px 4px  
4px 4px #D6009C; box-shadow:4px 4px 4px  
4px #D6009C }
```

# Background

The CSS property to change the background color of an element to Hex D6009C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6009C }
```

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

```
.background{ background-color:#D6009C }
```

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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