

# Converting Colors

Hex(D609BD)

Have a look what the booklet for  
Hex(D609BD) contains.

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**Color**

**Hex(D609BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D609BD
RGB	214, 9, 189
RGB Percent	84%, 4%, 74%
CMY	0.1608, 0.9647, 0.2588
CMYK	0.00, 0.96, 0.12, 0.16
HSL	307°, 92%, 44%
HSV	307°, 96%, 84%
XYZ	37.0146, 18.1656, 49.6995
YIQ	90.8150, 64.4000, 99.4400

# Conversions

## Conversions Part 2

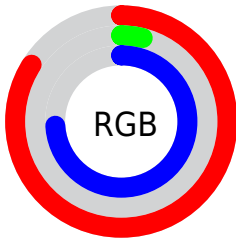
<b>Format</b>	<b>Color</b>
<b>RYB</b>	214, 9, 189
Decimal	14027197
CIELab	49.70, 81.96, -40.72
CIElCh	50, 91.515, 333.579
Yxy	18.1656, 0.3529, 0.1732
Android (android.graphics.Color)	4292217277 (0xFFD609BD)
YUV	90.8150, 48.4052, 108.0332
Hunter-Lab	42.6212, 80.4321, -39.3019

# Details

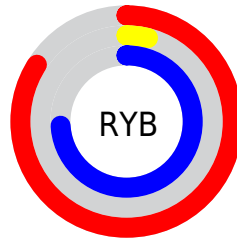
The Hex color **D609BD** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **09D622**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60F6**, and **9A0087** is the 20% darker color. If you saturate the color by 10%, you get **D600BC**, and if you desaturate by 10%, it is **D61EC0**.

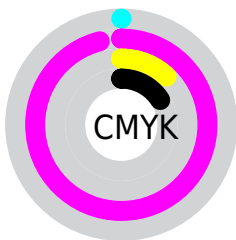
# Distribution



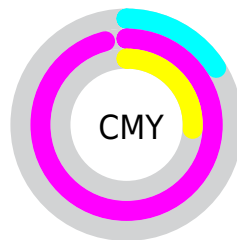
- Red (84%)
- Green (4%)
- Blue (74%)



- Red (84%)
- Yellow (4%)
- Blue (74%)



- Cyan (0%)
- Magenta (96%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (96%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D609BD 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 D609BD by changing the saturation by 10% instead.



 D609BD

 D609BD

FFFFFF

 B800A2

 FF60F6

 9A0087

 FF7FFF

 7D006D

 FF9DFF

 600054

 FFBBFF

 46003D

 FFD9FF

 280026

 FFF8FF

 00010E

 000000

 D609BD

 D609BD

 D600BC

 D61EC0

 D634C2

 D649C5

 D65FC7

 D674CA

 D689CD

 D69FCF

 D6B4D2

 D6CAD4

# Harmonies

## Analogous

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



745BFA



D609BD



F70071

# Triad

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



D609BD



887700



0095CB

# Complementary

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



D609BD



09D622

# 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.



00947E



D609BD



2E8900

# Square

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



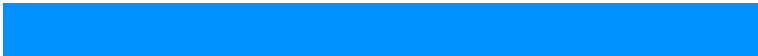
D609BD



C55500



009128



0090FF

# Rectangle

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



D609BD



F4003E



009128



0095B3



# Sweetspot

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



D609BD



FFB5F6



2109D6



80537A



000000



808080



# Same Dimension

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



D609BD



FF00E0



D60958



6B606A



AB0096



2B0026



# Inverse Universe

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



D609BD



FF00E0



09D687



6B606A



AB0096



2B0026



# Previews

## White Background



This preview shows how the Hex color D609BD looks on a white background.

## Color Contrast Check

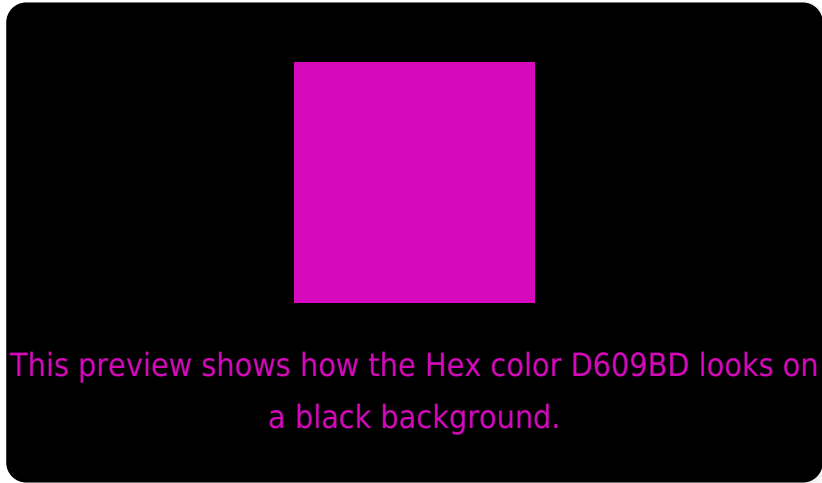
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

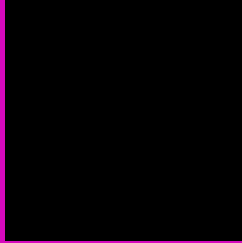
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D609BD Background



This preview shows how black text looks on a background with the Hex color D609BD.



This preview shows how white text looks on a background with the Hex color D609BD.

# 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**  
D609BD



**Protanomaly**  
4E4CE1



**Deuteranomaly**  
8A4FB5



**Tritanomaly**  
D03377

# Monochromacy



**Original Color**  
D609BD



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
883D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D609BD 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 #D609BD looks like.

```
.text, #text, p{  
    color:#D609BD  
}
```

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 #D609BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D609BD
}
```

## Border

The CSS property to change the border of an element to Hex D609BD 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".

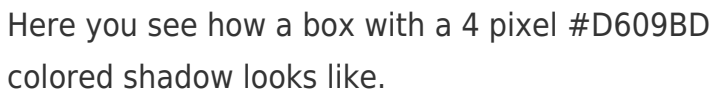
```
.border, #border, table{ border:4px solid
#D609BD }
```

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

```
.border{ border-color:#D609BD }
```

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

Here you see how a box with a 4 pixel #D609BD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D609BD; -webkit-box-shadow:4px 4px  
4px 4px #D609BD; box-shadow:4px 4px 4px  
4px #D609BD }
```

# Background

The CSS property to change the background color of an element to Hex D609BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D609BD }
```

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

```
.background{ background-color:#D609BD }
```

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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