

# Converting Colors

Hex(DB1AC9)

Have a look what the booklet for  
Hex(DB1AC9) contains.

<b>Hex(DB1AC9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DB1AC9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB1AC9
RGB	219, 26, 201
RGB Percent	86%, 10%, 79%
CMY	0.1412, 0.8980, 0.2118
CMYK	0.00, 0.88, 0.08, 0.14
HSL	306°, 79%, 48%
HSV	306°, 88%, 86%
XYZ	40.1254, 20.0159, 57.0070
YIQ	103.6570, 58.8530, 95.3410

# Conversions

## Conversions Part 2

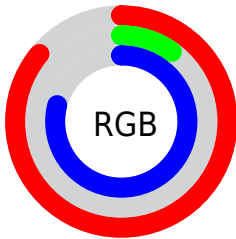
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 26, 201
Decimal	14359241
CIE <sub>Lab</sub>	51.86, 82.61, -44.20
CIE <sub>LCh</sub>	52, 93.690, 331.848
Yxy	20.0159, 0.3425, 0.1709
Android (android.graphics.Color)	4292549321 (0xFFDB1AC9)
YUV	103.6570, 47.9901, 101.1558
Hunter-Lab	44.7391, 81.7987, -44.2304

# Details

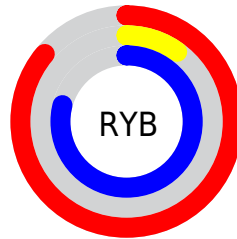
The Hex color **DB1AC9** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **1ADB2C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FF**, and **9F0092** is the 20% darker color. If you saturate the color by 10%, you get **DB04C7**, and if you desaturate by 10%, it is **DB30CB**.

# Distribution



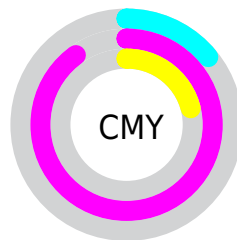
- Red (86%)
- Green (10%)
- Blue (79%)



- Red (86%)
- Yellow (10%)
- Blue (79%)



- Cyan (0%)
- Magenta (88%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (90%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB1AC9 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 DB1AC9 by changing the saturation by 10% instead.



 DB1AC9

 DB1AC9

FFFFFF

 BD00AD

 FF66FF

 9F0092

 FF85FF

 820078

 FFA3FF

 65005F

 FFC1FF

 4A0046

 FFDFFF

 2D002F

FFFEFF

 000019

 000000

 DB1AC9

 DB1AC9

 DB04C7

 DB30CB

 DB00C7

 DB46CD

 DB5CCF

 DB72D1

 DB88D3

 DB9DD5

 DBB3D7

 DBC9D9

 DBDFDB

# Harmonies

## Analogous

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



7063FF



DB1AC9



FF007B

# Triad

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



DB1AC9



937B00



009CCF

# Complementary

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



DB1AC9



1ADB2C

# 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.



009B7F



DB1AC9



3A8E00

# Square

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



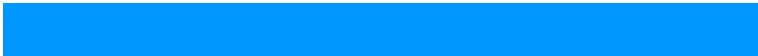
DB1AC9



D05700



009725



0097FF

# Rectangle

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



DB1AC9



FF0046



009725



009CB6



# Sweetspot

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



DB1AC9



FFBDF9



2A1ADB



80587C



000000



808080



# Same Dimension

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



DB1AC9



FF00E7



DB1A6A



6E636D



AD009D



2E002A



# Inverse Universe

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



DB1AC9



FF00E7



1ADB8B



6E636D



AD009D



2E002A



# Previews

## White Background



This preview shows how the Hex color DB1AC9 looks on a white background.

## Color Contrast Check

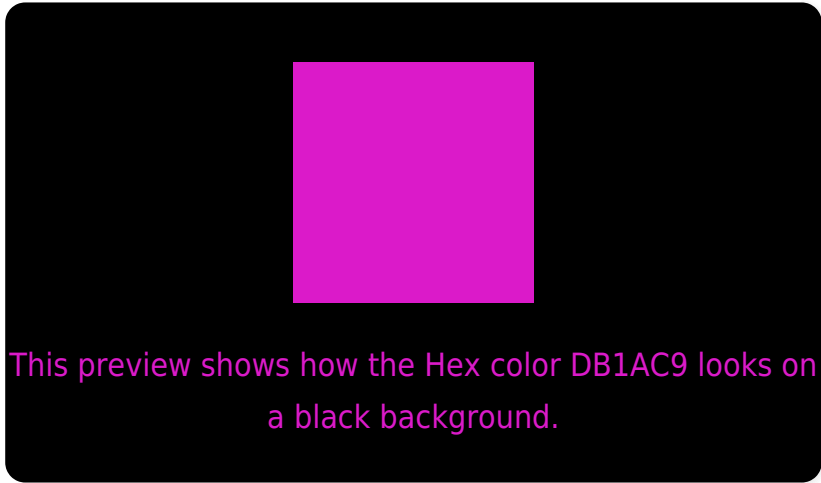
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB1AC9 Background



This preview shows how black text looks on a background with the Hex color DB1AC9.

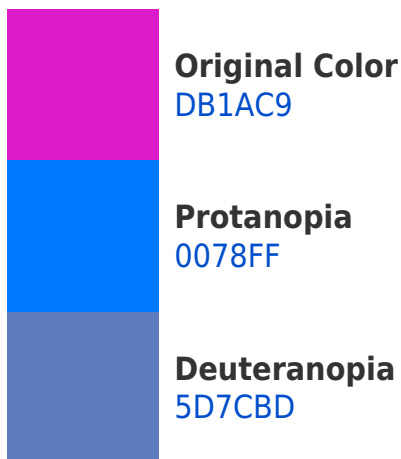


This preview shows how white text looks on a background with the Hex color DB1AC9.

# 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**  
D05257

# Trichromacy



**Original Color**  
DB1AC9



**Protanomaly**  
5056EB



**Deuteranomaly**  
8B58C1



**Tritanomaly**  
D43E80

# Monochromacy



**Original Color**  
DB1AC9



**Achromatopsia**  
686868



**Achromatomaly**  
924C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB1AC9 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 #DB1AC9 looks like.

```
.text, #text, p{  
    color:#DB1AC9  
}
```

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 #DB1AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB1AC9
}
```

## Border

The CSS property to change the border of an element to Hex DB1AC9 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
#DB1AC9 }
```

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

```
.border{ border-color:#DB1AC9 }
```

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

Here you see how a box with a 4 pixel #DB1AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB1AC9; -webkit-box-shadow:4px 4px  
4px 4px #DB1AC9; box-shadow:4px 4px 4px  
4px #DB1AC9 }
```

# Background

The CSS property to change the background color of an element to Hex DB1AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB1AC9 }
```

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

```
.background{ background-color:#DB1AC9 }
```

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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