

Converting Colors

Hex(DB0EB9)

Have a look what the booklet for
Hex(DB0EB9) contains.

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Color

Hex(DB0EB9)

Conversions

Conversions Part 1

Format	Color
Hex	DB0EB9
RGB	219, 14, 185
RGB Percent	86%, 5%, 73%
CMY	0.1412, 0.9451, 0.2745
CMYK	0.00, 0.94, 0.16, 0.14
HSL	310°, 88%, 46%
HSV	310°, 94%, 86%
XYZ	38.1274, 18.8769, 47.5330
YIQ	94.7890, 67.2890, 96.6410

Conversions

Conversions Part 2

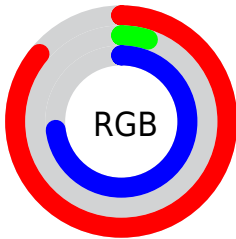
Format	Color
R_{YB}	219, 14, 185
Decimal	14356153
CIE _{Lab}	50.54, 81.93, -36.99
CIE _{LCh}	51, 89.894, 335.702
Yxy	18.8769, 0.3647, 0.1806
Android (android.graphics.Color)	4292546233 (0xFFDB0EB9)
YUV	94.7890, 44.4740, 108.9330
Hunter-Lab	43.4476, 80.6093, -34.4518

Details

The Hex color **DB0EB9** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **0EDB30**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF62F2**, and **9F0083** is the 20% darker color. If you saturate the color by 10%, you get **DB00B7**, and if you desaturate by 10%, it is **DB24BD**.

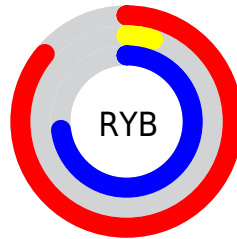
Distribution



Red (86%)

Green (5%)

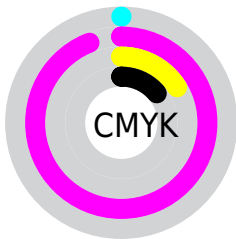
Blue (73%)



Red (86%)

Yellow (5%)

Blue (73%)

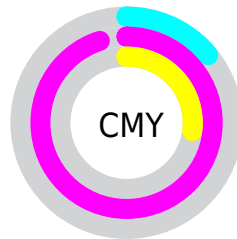


Cyan (0%)

Magenta (94%)

Yellow (16%)

Black (14%)



Cyan (14%)

Magenta (95%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0EB9 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 DB0EB9 by changing the saturation by 10% instead.

 DB0EB9

 DB0EB9

FFFFFF

 BD009E

 FF62F2

 9F0083

 FF81FF

 82006A

 FF9FFF

 650051

 FFBDFF

 4A003A

 FFDBFF

 2C0023

 FFFAFF

 000008

 000000

 DB0EB9

 DB0EB9

 DB00B7

 DB24BD

 DB3AC0

 DB50C4

 DB66C8

 DB7BCB

 DB91CF

 DBA7D2

 DBBDD6

 DBD3DA

Harmonies

Analogous

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



825BF7



DB0EB9



F8006D

Triad

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



DB0EB9



867A00



0097D1

Complementary

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



DB0EB9



0EDB30

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.



009786



DB0EB9



298B00

Square

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



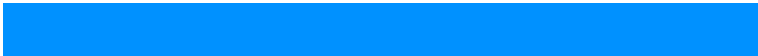
DB0EB9



C35B00



009333



0091FF

Rectangle

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



DB0EB9



F4003C



009333



0097B9

Sweetspot

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



DB0EB9



FFB8F3



2D0EDB



805478



000000



808080

Same Dimension

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



DB0EB9



FF00D5



DB0E56



6E636C



AD0091



2E0026

Inverse Universe

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



DB0EB9



FF00D5



0EDB93



6E636C



AD0091



2E0026

Previews

White Background



This preview shows how the Hex color DB0EB9 looks on a white background.

Color Contrast Check

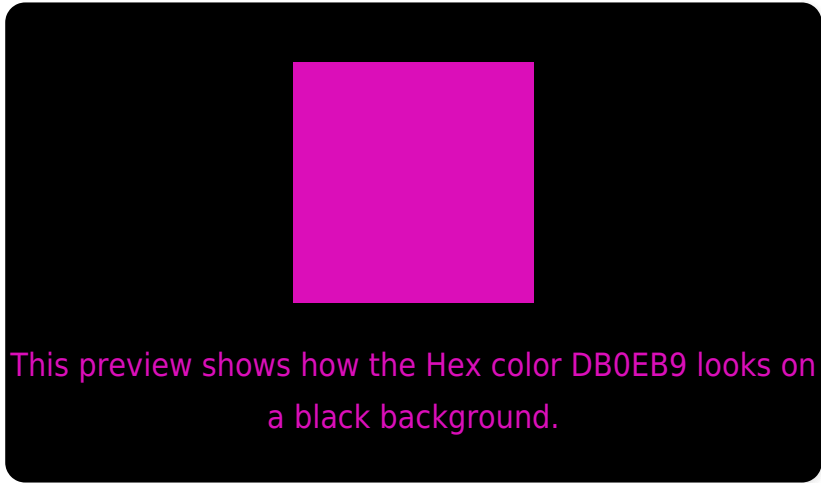
Large Text (above 18pt) WCAG AA ✓ Pass

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

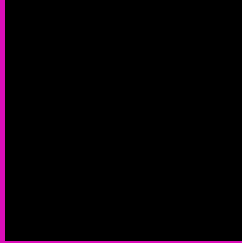
Any Text WCAG AA ✓ Pass

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 DB0EB9 Background



This preview shows how black text looks on a background with the Hex color DB0EB9.

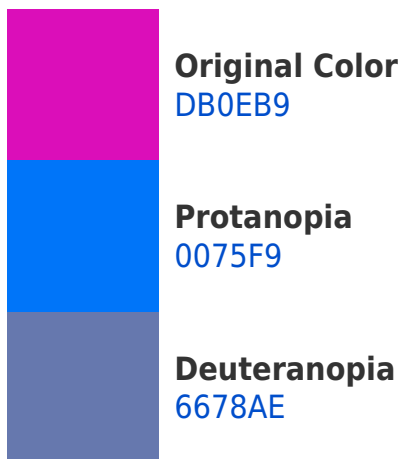


This preview shows how white text looks on a background with the Hex color DB0EB9.

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
D24A4E

Trichromacy



Original Color
DB0EB9



Protanomaly
5050E2



Deuteranomaly
9151B2



Tritanomaly
D53475

Monochromacy



Original Color
DB0EB9



Achromatopsia
5F5F5F



Achromatomaly
8C4280

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0EB9 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 #DB0EB9 looks like.

```
.text, #text, p{  
    color:#DB0EB9  
}
```

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 #DB0EB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0EB9
}
```

Border

The CSS property to change the border of an element to Hex DB0EB9 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
#DB0EB9 }
```

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

```
.border{ border-color:#DB0EB9 }
```

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

Here you see how a box with a 4 pixel #DB0EB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0EB9; -webkit-box-shadow:4px 4px  
4px 4px #DB0EB9; box-shadow:4px 4px 4px  
4px #DB0EB9 }
```

Background

The CSS property to change the background color of an element to Hex DB0EB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0EB9 }
```

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

```
.background{ background-color:#DB0EB9 }
```

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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