

Converting Colors

Hex(DB00C1)

Have a look what the booklet for
Hex(DB00C1) contains.

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Color

Hex(DB00C1)

Conversions

Conversions Part 1

Format	Color
Hex	DB00C1
RGB	219, 0, 193
RGB Percent	86%, 0%, 76%
CMY	0.1412, 1.0000, 0.2431
CMYK	0.00, 1.00, 0.12, 0.14
HSL	307°, 100%, 43%
HSV	307°, 100%, 86%
XYZ	38.8391, 18.9103, 52.0551
YIQ	87.4830, 68.5710, 106.4510

Conversions

Conversions Part 2

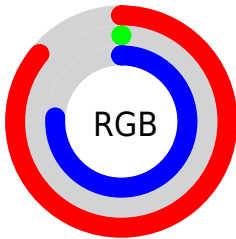
Format	Color
R_{YB}	219, 0, 193
Decimal	14352577
CIE _{Lab}	50.58, 84.04, -41.59
CIE _{LCh}	51, 93.769, 333.671
Yxy	18.9103, 0.3537, 0.1722
Android (android.graphics.Color)	4292542657 (0xFFDB00C1)
YUV	87.4830, 52.0199, 115.3404
Hunter-Lab	43.4860, 83.3249, -40.5331

Details

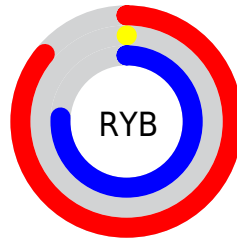
The Hex color **DB00C1** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00DB1A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FFA**, and **9F008B** is the 20% darker color. If you saturate the color by 10%, you get **DB00C1**, and if you desaturate by 10%, it is **DB16C4**.

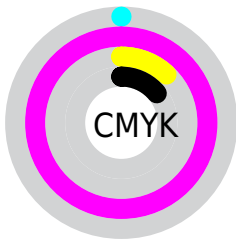
Distribution



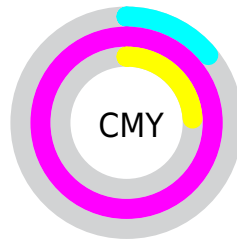
- Red (86%)
- Green (0%)
- Blue (76%)



- Red (86%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB00C1 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 DB00C1 by changing the saturation by 10% instead.

 DB00C1

 DB00C1

FFFFFF

 BD00A6

 FF5FFA

 9F008B

 FF7FFF

 820071

 FF9DFF

 650058

 FFBBFF

 4A0040

 FFD9FF

 2C0029

 FFF8FF

 000112

 000000

 DB00C1

 DB16C4

 DB2CC6

 DB42C9

 DB58CB

 DB6ECE

 DB83D1

 DB99D3

 DBAFD6

 DBC5D8

Harmonies

Analogous

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



765DFF



DB00C1



FD0073

Triad

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



DB00C1



8A7900



0098D0

Complementary

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



DB00C1



00DB1A

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.



009781



DB00C1



2D8B00

Square

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



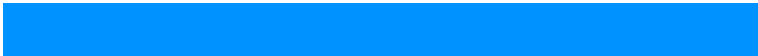
DB00C1



C95600



009428



0093FF

Rectangle

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



DB00C1



FA003F



009428



0098B7

Sweetspot

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



DB00C1



FFB3F6



1A00DB



80527A



000000



808080

Same Dimension

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



DB00C1



FF00E1



DB0054



6E636C



AD0099



2E0028

Inverse Universe

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



DB00C1



FF00E1



00DB87



6E636C



AD0099



2E0028

Previews

White Background



This preview shows how the Hex color DB00C1 looks on a white background.

Color Contrast Check

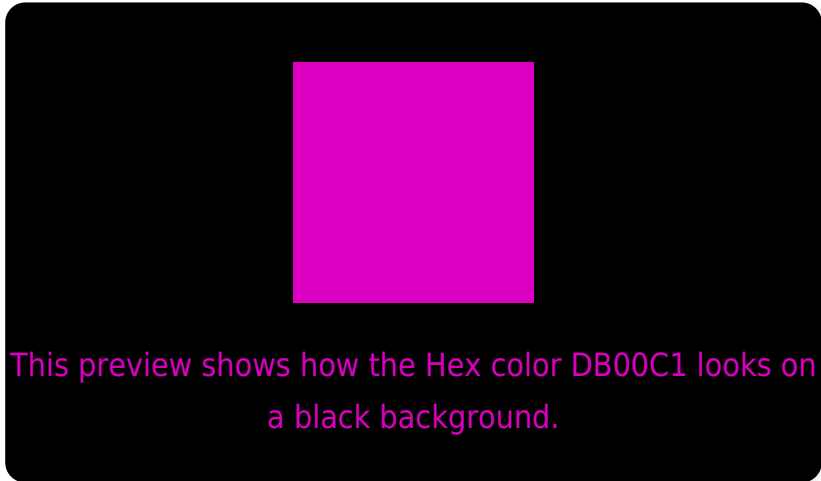
Large Text (above 18pt) WCAG AA ✓ Pass

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

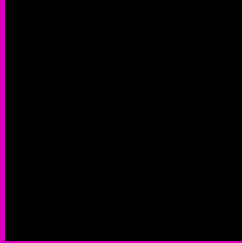
Any Text WCAG AA ✓ Pass

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 DB00C1 Background



This preview shows how black text looks on a background with the Hex color DB00C1.




This preview shows how white text looks on a background with the Hex color DB00C1.

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
D14C50

Trichromacy



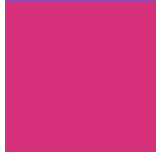
Original Color
DB00C1



Protanomaly
504BE5



Deuteranomaly
8D4DB9



Tritanomaly
D53079

Monochromacy



Original Color
DB00C1



Achromatopsia
575757



Achromatomaly
87377E

CSS Examples

Text

The CSS property to change the color of the text to Hex DB00C1 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 #DB00C1 looks like.

```
.text, #text, p{  
    color:#DB00C1  
}
```

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 #DB00C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB00C1
}
```

Border

The CSS property to change the border of an element to Hex DB00C1 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
#DB00C1 }
```

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

```
.border{ border-color:#DB00C1 }
```

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

Here you see how a box with a 4 pixel #DB00C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB00C1; -webkit-box-shadow:4px 4px  
4px 4px #DB00C1; box-shadow:4px 4px 4px  
4px #DB00C1 }
```

Background

The CSS property to change the background color of an element to Hex DB00C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB00C1 }
```

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

```
.background{ background-color:#DB00C1 }
```

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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