

Converting Colors

Hex(DB00CD)

Have a look what the booklet for
Hex(DB00CD) contains.

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Color

Hex(DB00CD)

Conversions

Conversions Part 1

Format	Color
Hex	DB00CD
RGB	219, 0, 205
RGB Percent	86%, 0%, 80%
CMY	0.1412, 1.0000, 0.1961
CMYK	0.00, 1.00, 0.06, 0.14
HSL	304°, 100%, 43%
HSV	304°, 100%, 86%
XYZ	40.2329, 19.4678, 59.3948
YIQ	88.8510, 64.7190, 110.1830

Conversions

Conversions Part 2

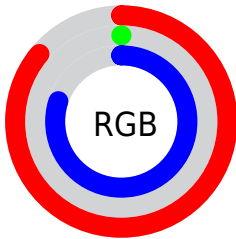
Format	Color
R_{YB}	219, 0, 205
Decimal	14352589
CIE _{Lab}	51.23, 85.64, -47.50
CIE _{LCh}	51, 97.927, 330.983
Yxy	19.4678, 0.3378, 0.1635
Android (android.graphics.Color)	4292542669 (0xFFDB00CD)
YUV	88.8510, 57.2615, 114.1407
Hunter-Lab	44.1224, 85.5505, -48.9268

Details

The Hex color **DB00CD** 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 **00DB0E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF60FF**, and **9F0096** is the 20% darker color. If you saturate the color by 10%, you get **DB00CD**, and if you desaturate by 10%, it is **DB16CE**.

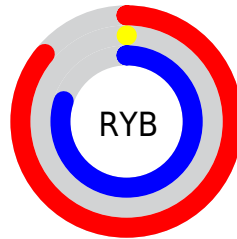
Distribution



Red (86%)

Green (0%)

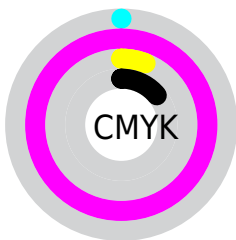
Blue (80%)



Red (86%)

Yellow (0%)

Blue (80%)

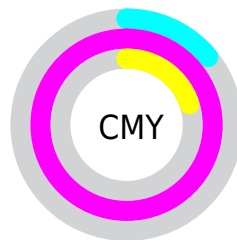


Cyan (0%)

Magenta (100%)

Yellow (6%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB00CD 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 DB00CD by changing the saturation by 10% instead.

 DB00CD

 DB00CD

FFFFFF

 BD00B1

 FF60FF

 9F0096

 FF7FFF

 82007C

 FF9EFF

 650062

 FFBCFF

 49004A

 FFDAFF

 2B0032

 FFF9FF

 00001C

 000000

 DB00CD

 DB16CE

 DB2CD0

 DB42D1

 DB58D3

 DB6ED4

 DB83D5

 DB99D7

 DBAFD8

 DBC5DA

Harmonies

Analogous

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



6561FF



DB00CD



FF007B

Triad

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



DB00CD



937800



009BCF

Complementary

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



DB00CD



00DB0E

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.



009A7B



DB00CD



368C00

Square

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



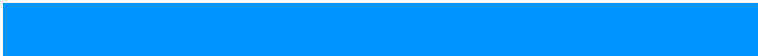
DB00CD



D25100



009619



0096FF

Rectangle

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



DB00CD



FF0045



009619



009BB4

Sweetspot

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



DB00CD



FFB3FA



0B00DB



80527D



000000



808080

Same Dimension

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



DB00CD



FF00EF



DB0063



6E636D



AD00A2



2E002B

Inverse Universe

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



DB00CD



FF00EF



00DB78



6E636D



AD00A2



2E002B

Previews

White Background



This preview shows how the Hex color DB00CD looks on a white background.

Color Contrast Check

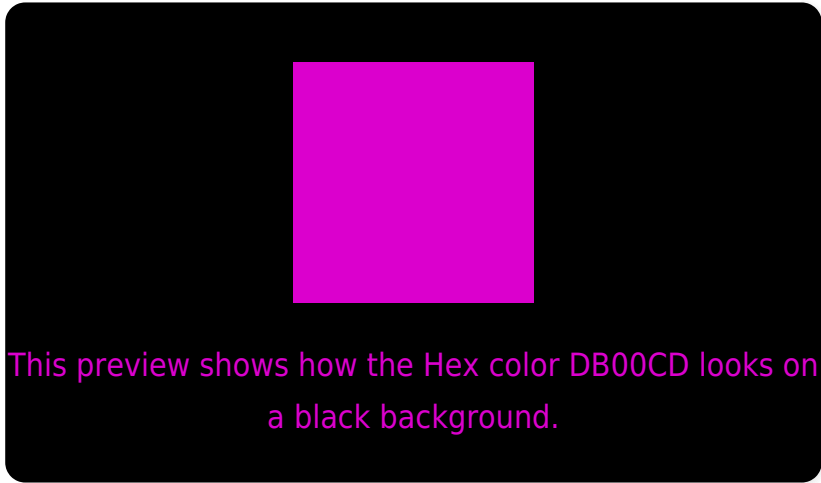
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB00CD Background



This preview shows how black text looks on a background with the Hex color DB00CD.

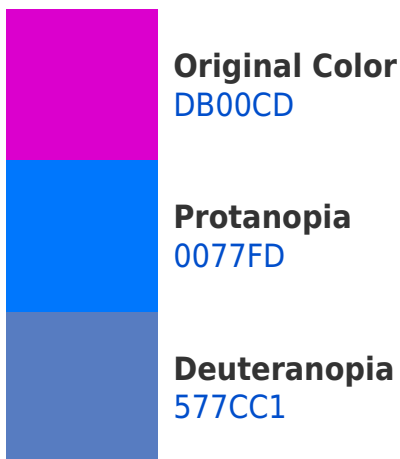


This preview shows how white text looks on a background with the Hex color DB00CD.

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
DB00CD



Protanomaly
504CEC



Deuteranomaly
874FC5



Tritanomaly
D33481

Monochromacy



Original Color
DB00CD



Achromatopsia
595959



Achromatomaly
883983

CSS Examples

Text

The CSS property to change the color of the text to Hex DB00CD 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 #DB00CD looks like.

```
.text, #text, p{  
    color:#DB00CD  
}
```

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 #DB00CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB00CD
}
```

Border

The CSS property to change the border of an element to Hex DB00CD 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".

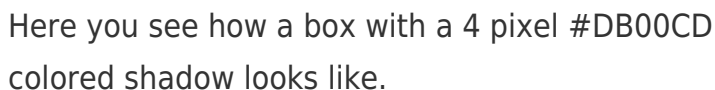
```
.border, #border, table{ border:4px solid
#DB00CD }
```

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

```
.border{ border-color:#DB00CD }
```

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

Here you see how a box with a 4 pixel #DB00CD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB00CD; -webkit-box-shadow:4px 4px  
4px 4px #DB00CD; box-shadow:4px 4px 4px  
4px #DB00CD }
```

Background

The CSS property to change the background color of an element to Hex DB00CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB00CD }
```

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

```
.background{ background-color:#DB00CD }
```

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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