

Converting Colors

Hex(DB0CE3)

Have a look what the booklet for
Hex(DB0CE3) contains.

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Color

Hex(**DB0CE3**)

Conversions

Conversions Part 1

Format	Color
Hex	DB0CE3
RGB	219, 12, 227
RGB Percent	86%, 5%, 89%
CMY	0.1412, 0.9529, 0.1098
CMYK	0.04, 0.95, 0.00, 0.11
HSL	298°, 90%, 47%
HSV	298°, 95%, 89%
XYZ	43.2100, 20.8691, 74.4238
YIQ	98.4030, 54.3570, 110.7490

Conversions

Conversions Part 2

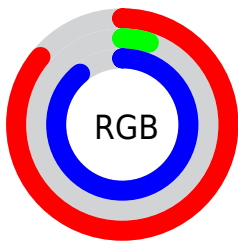
Format	Color
RYB	219, 12, 227
Decimal	14355683
CIELab	52.81, 87.88, -57.55
CIELCh	53, 105.048, 326.784
Yxy	20.8691, 0.3120, 0.1507
Android (android.graphics.Color)	4292545763 (0xFFDB0CE3)
YUV	98.4030, 63.3983, 105.7636
Hunter-Lab	45.6827, 88.8937, -64.6142

Details

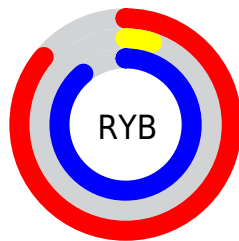
The Hex color **DB0CE3** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **14E30C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF64FF**, and **9F00AB** is the 20% darker color. If you saturate the color by 10%, you get **DB00E3**, and if you desaturate by 10%, it is **DC23E3**.

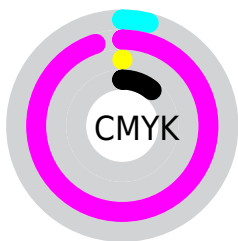
Distribution



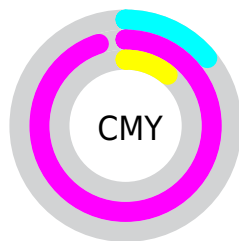
- Red (86%)
- Green (5%)
- Blue (89%)



- Red (86%)
- Yellow (5%)
- Blue (89%)



- Cyan (4%)
- Magenta (95%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB0CE3 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 DB0CE3 by changing the saturation by 10% instead.

 DB0CE3

 DB0CE3

FFFFFF

 BD00C6

 FF64FF

 9F00AB

 FF83FF

 81008F

 FFA2FF

 640075

 FFC0FF

 48005C

 FFDEFF

 2A0043

 FFFDFF

 00002C

 000116

 000000

 DB0CE3

 DB0CE3

 DB00E3

 DC23E3

 DD39E3

 DE50E3

 DE67E3

 DF7DE3

 E094E3

 E1ABE3

 E2C2E3

 E3D8E3

Harmonies

Analogous

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



316BFF



DB0CE3



FF008C

Triad

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



DB0CE3



A27800



00A1CE

Complementary

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



DB0CE3



14E30C

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.



009F71



DB0CE3



469000

Square

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



DB0CE3



E44800



009B00



009EFF

Rectangle

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



DB0CE3



FF0051



009B00



00A1B0

Sweetspot

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



DB0CE3



FCB8FF



0C17E3



7E5480



000000



808080

Same Dimension

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



DB0CE3



F600FF



E30C82



726773



AC00B3



310033

Inverse Universe

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



E30C14



FF0009



0CE36D



736768



B30007



330002

Previews

White Background



This preview shows how the Hex color DB0CE3 looks on a white background.

Color Contrast Check

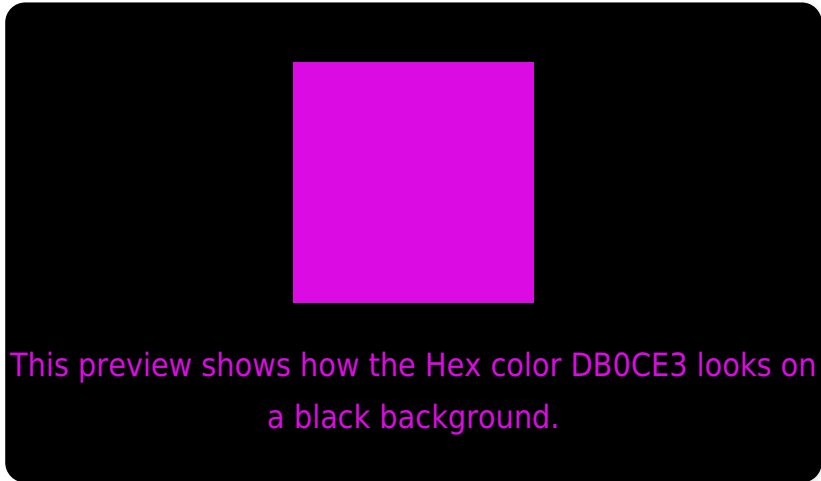
Large Text (above 18pt) WCAG AA ✓ Pass

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

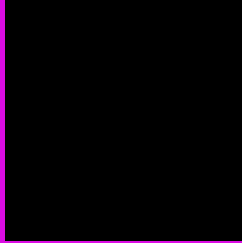
Any Text WCAG AA ✓ Pass

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 DB0CE3 Background



This preview shows how black text looks on a background with the Hex color DB0CE3.

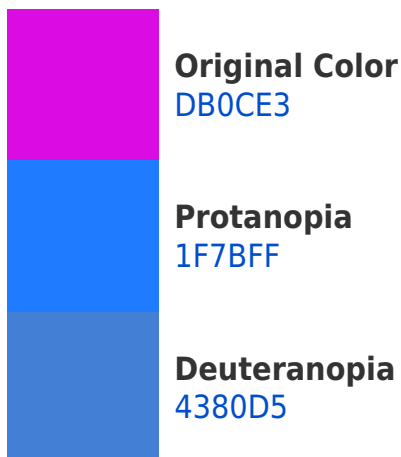


This preview shows how white text looks on a background with the Hex color DB0CE3.

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



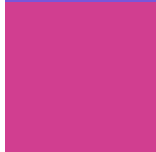
Original Color
DB0CE3



Protanomaly
6353F5



Deuteranomaly
7A56DA



Tritanomaly
D13E90

Monochromacy



Original Color
DB0CE3



Achromatopsia
626262



Achromatomaly
8E4391

CSS Examples

Text

The CSS property to change the color of the text to Hex DB0CE3 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 #DB0CE3 looks like.

```
.text, #text, p{  
  color:#DB0CE3  
}
```

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 #DB0CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB0CE3
}
```

Border

The CSS property to change the border of an element to Hex DB0CE3 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
#DB0CE3 }
```

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

```
.border{ border-color:#DB0CE3 }
```

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

Here you see how a box with a 4 pixel #DB0CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB0CE3; -webkit-box-shadow:4px 4px  
4px 4px #DB0CE3; box-shadow:4px 4px 4px  
4px #DB0CE3 }
```

Background

The CSS property to change the background color of an element to Hex DB0CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB0CE3 }
```

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

```
.background{ background-color:#DB0CE3 }
```

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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