

# Converting Colors

Hex(DB03C2)

Have a look what the booklet for  
Hex(DB03C2) contains.

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**Color**

**Hex(DB03C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB03C2
RGB	219, 3, 194
RGB Percent	86%, 1%, 76%
CMY	0.1412, 0.9882, 0.2392
CMYK	0.00, 0.99, 0.11, 0.14
HSL	307°, 97%, 44%
HSV	307°, 99%, 86%
XYZ	38.9836, 19.0202, 52.6555
YIQ	89.3580, 67.4250, 105.1930

# Conversions

## Conversions Part 2

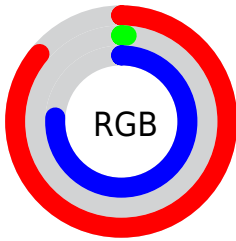
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 3, 194
Decimal	14353346
CIE <sub>Lab</sub>	50.71, 83.95, -41.97
CIE <sub>LCh</sub>	51, 93.852, 333.439
Yxy	19.0202, 0.3523, 0.1719
Android (android.graphics.Color)	4292543426 (0xFFDB03C2)
YUV	89.3580, 51.5885, 113.6960
Hunter-Lab	43.6122, 83.2343, -41.0557

# Details

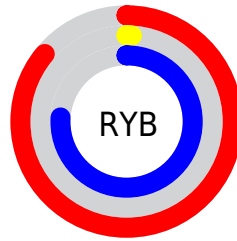
The Hex color **DB03C2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **03DB1C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60FB**, and **9F008C** is the 20% darker color. If you saturate the color by 10%, you get **DB00C2**, and if you desaturate by 10%, it is **DB19C5**.

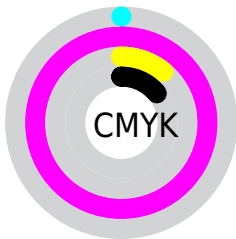
# Distribution



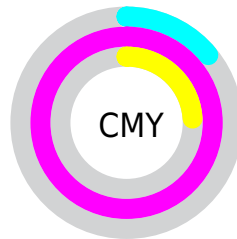
- Red (86%)
- Green (1%)
- Blue (76%)



- Red (86%)
- Yellow (1%)
- Blue (76%)



- Cyan (0%)
- Magenta (99%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (99%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB03C2 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 DB03C2 by changing the saturation by 10% instead.



 DB03C2

 DB03C2

FFFFFF

 BD00A6

 FF60FB

 9F008C

 FF7FFF

 820072

 FF9EFF

 650059

 FFBCFF

 4A0041

 FFDAFF

 2C002A

 FFF9FF

 000013

 000000

 DB03C2

 DB03C2

 DB00C2

 DB19C5

 DB2FC7

 DB45CA

 DB5BCC

 DB70CF

 DB86D1

 DB9CD4

 DBB2D6

 DBC8D9

# Harmonies

## Analogous

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



755DFF



DB03C2



FD0073

# Triad

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



DB03C2



8B7900



0098D0

# Complementary

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



DB03C2



03DB1C

# 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.



009880



DB03C2



2E8C00

# Square

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



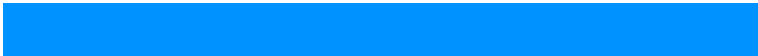
DB03C2



CA5600



009428



0093FF

# Rectangle

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



DB03C2



FB0040



009428



0099B7



# Sweetspot

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



DB03C2



FFB3F6



1903DB



80527A



000000



808080



# Same Dimension

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



DB03C2



FF00E1



DB0359



6E636C



AD0099



2E0029



# Inverse Universe

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



DB03C2



FF00E1



03DB85



6E636C



AD0099



2E0029



# Previews

## White Background



This preview shows how the Hex color DB03C2 looks on a white background.

## Color Contrast Check

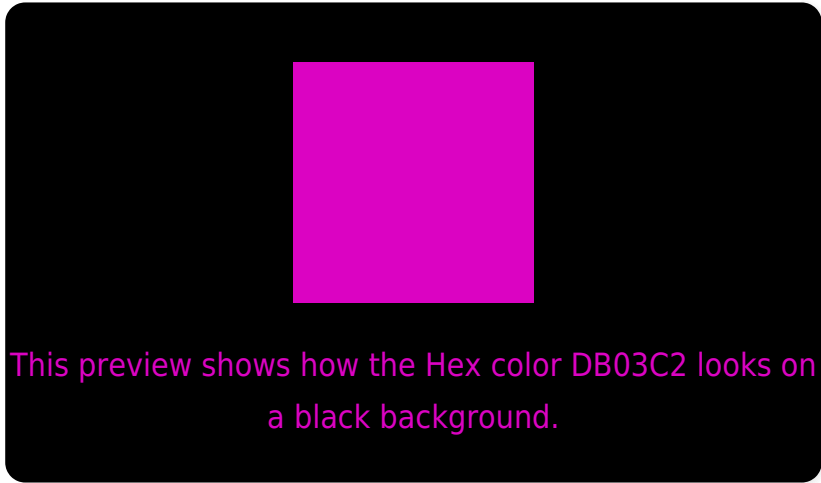
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB03C2 Background



This preview shows how black text looks on a background with the Hex color DB03C2.



This preview shows how white text looks on a background with the Hex color DB03C2.

# 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**  
D04C51

# Trichromacy



**Original Color**  
DB03C2



**Protanomaly**  
504CE6



**Deuteranomaly**  
8C4FBA



**Tritanomaly**  
D4317A

# Monochromacy



**Original Color**  
DB03C2



**Achromatopsia**  
595959



**Achromatomaly**  
883A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB03C2 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 #DB03C2 looks like.

```
.text, #text, p{  
    color:#DB03C2  
}
```

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 #DB03C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB03C2
}
```

## Border

The CSS property to change the border of an element to Hex DB03C2 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".

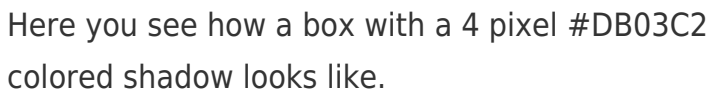
```
.border, #border, table{ border:4px solid
#DB03C2 }
```

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

```
.border{ border-color:#DB03C2 }
```

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

Here you see how a box with a 4 pixel #DB03C2 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB03C2; -webkit-box-shadow:4px 4px  
4px 4px #DB03C2; box-shadow:4px 4px 4px  
4px #DB03C2 }
```

# Background

The CSS property to change the background color of an element to Hex DB03C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB03C2 }
```

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

```
.background{ background-color:#DB03C2 }
```

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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