

Converting Colors

Hex(DB09DB)

Have a look what the booklet for
Hex(DB09DB) contains.

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Color

Hex(DB09DB)

Conversions

Conversions Part 1

Format	Color
Hex	DB09DB
RGB	219, 9, 219
RGB Percent	86%, 4%, 86%
CMY	0.1412, 0.9647, 0.1412
CMYK	0.00, 0.96, 0.00, 0.14
HSL	300°, 92%, 45%
HSV	300°, 96%, 86%
XYZ	42.0973, 20.3699, 68.7308
YIQ	95.7300, 57.7500, 109.8300

Conversions

Conversions Part 2

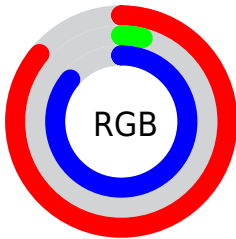
Format	Color
R_{YB}	219, 9, 219
Decimal	14354907
CIE _{Lab}	52.25, 86.94, -53.89
CIE _{LCh}	52, 102.284, 328.208
Yxy	20.3699, 0.3209, 0.1553
Android (android.graphics.Color)	4292544987 (0xFFDB09DB)
YUV	95.7300, 60.7721, 108.1078
Hunter-Lab	45.1330, 87.5108, -58.6966

Details

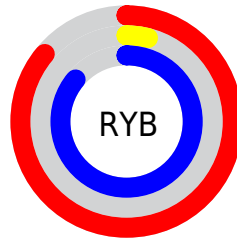
The Hex color **DB09DB** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **09DB09**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF63FF**, and **9F00A3** is the 20% darker color. If you saturate the color by 10%, you get **DB00DB**, and if you desaturate by 10%, it is **DB1FDB**.

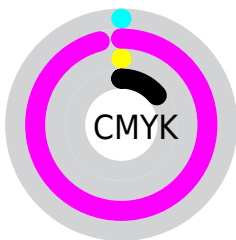
Distribution



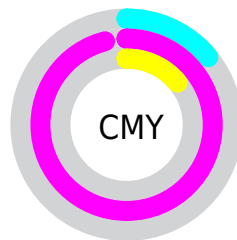
- Red (86%)
- Green (4%)
- Blue (86%)



- Red (86%)
- Yellow (4%)
- Blue (86%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (96%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB09DB 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 DB09DB by changing the saturation by 10% instead.

 DB09DB

 DB09DB

FFFFFF

 BD00BF

 FF63FF

 9F00A3

 FF82FF

 820088

 FFA0FF

 64006E

 FFBFFF

 490055

 FFDFFF

 2B003D

 FFFCFF

 000026

 00010E

 000000

 DB09DB

 DB09DB

 DB00DB

 DB1FDB

 DB35DB

 DB4BDB

 DB61DB

 DB76DB

 DB8CDB

 DBA2DB

 DBB8DB

 DBCEDB

Harmonies

Analogous

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



4A67FF



DB09DB



FF0086

Triad

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



DB09DB



9D7800



009FCE

Complementary

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



DB09DB



09DB09

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.



009D75



DB09DB



418F00

Square

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



DB09DB



DD4C00



009900



009BFF

Rectangle

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



DB09DB



FF004D



009900



009FB2

Sweetspot

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



DB09DB



FFB5FF



0909DB



805380



000000



808080

Same Dimension

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



DB09DB



FF00FF



DB0972



6E636E



AD00AD



2E002E

Inverse Universe

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



DB09DB



FF00FF



09DB72



6E636E



AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color DB09DB looks on a white background.

Color Contrast Check

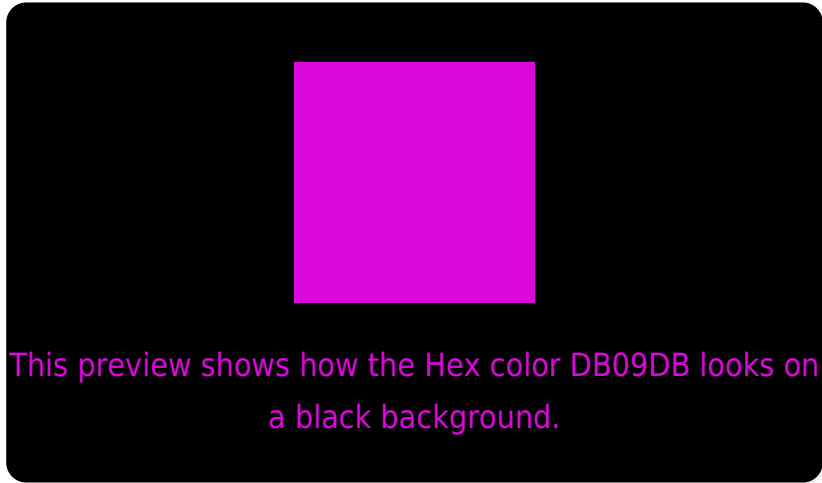
Large Text (above 18pt) WCAG AA ✓ Pass

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

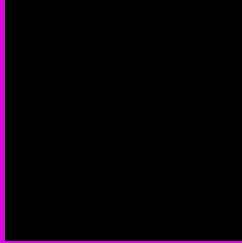
Any Text WCAG AA ✓ Pass

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 DB09DB Background



This preview shows how black text looks on a background with the Hex color DB09DB.

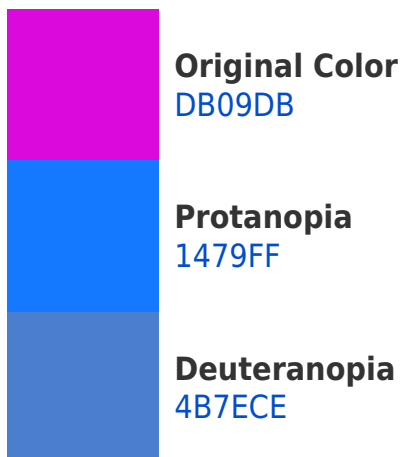


This preview shows how white text looks on a background with the Hex color DB09DB.

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
DB09DB



Protanomaly
5C50F2



Deuteranomaly
7F53D3



Tritanomaly
D23A8A

Monochromacy



Original Color
DB09DB



Achromatopsia
606060



Achromatomaly
8D408D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB09DB 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 #DB09DB looks like.

```
.text, #text, p{  
    color:#DB09DB  
}
```

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 #DB09DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB09DB
}
```

Border

The CSS property to change the border of an element to Hex DB09DB 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".

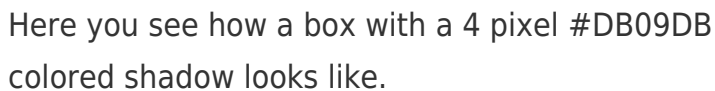
```
.border, #border, table{ border:4px solid
#DB09DB }
```

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

```
.border{ border-color:#DB09DB }
```

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

Here you see how a box with a 4 pixel #DB09DB colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB09DB; -webkit-box-shadow:4px 4px  
4px 4px #DB09DB; box-shadow:4px 4px 4px  
4px #DB09DB }
```

Background

The CSS property to change the background color of an element to Hex DB09DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB09DB }
```

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

```
.background{ background-color:#DB09DB }
```

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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