

Converting Colors

Hex(DB00A7)

Have a look what the booklet for
Hex(DB00A7) contains.

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Color

Hex(DB00A7)

Conversions

Conversions Part 1

Format	Color
Hex	DB00A7
RGB	219, 0, 167
RGB Percent	86%, 0%, 65%
CMY	0.1412, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.24, 0.14
HSL	314°, 100%, 43%
HSV	314°, 100%, 86%
XYZ	36.1885, 17.8501, 38.0973
YIQ	84.5190, 76.9170, 98.3650

Conversions

Conversions Part 2

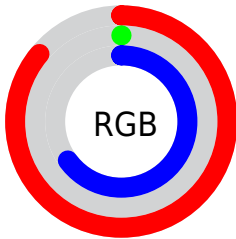
Format	Color
R_{YB}	219, 0, 167
Decimal	14352551
CIE _{Lab}	49.31, 80.87, -28.32
CIE _{LCh}	49, 85.685, 340.699
Yxy	17.8501, 0.3928, 0.1937
Android (android.graphics.Color)	4292542631 (0xFFDB00A7)
YUV	84.5190, 40.6631, 117.9398
Hunter-Lab	42.2494, 78.9568, -23.8887

Details

The Hex color **DB00A7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00DB34**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5EDE**, and **9F0073** is the 20% darker color. If you saturate the color by 10%, you get **DB00A7**, and if you desaturate by 10%, it is **DB16AC**.

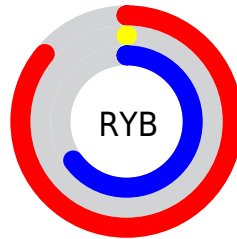
Distribution



Red (86%)

Green (0%)

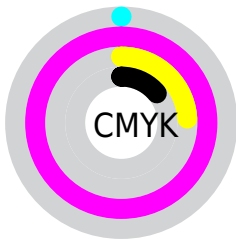
Blue (65%)



Red (86%)

Yellow (0%)

Blue (65%)

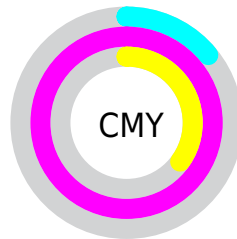


Cyan (0%)

Magenta (100%)

Yellow (24%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB00A7 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 DB00A7 by changing the saturation by 10% instead.

 DB00A7

 DB00A7


FFFFFF

 BD008C

 FF5EDE

 9F0073

 FF7DFB

 81005A

 FF9BFF

 640042

 FFB9FF

 49002C

 FFD7FF

 2B0016

 FFF6FF

 000000

 DB00A7

 DB16AC

 DB2CB1

 DB42B7

 DB58BC

 DB6EC1

 DB83C6

 DB99CB

 DBAFD1

 DBC5D6

Harmonies

Analogous

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



9352E5



DB00A7



F0005F

Triad

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



DB00A7



787B00



0092D4

Complementary

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



DB00A7



00DB34

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.



00938E



DB00A7



058900

Square

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



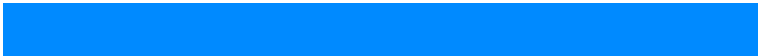
DB00A7



B46000



009041



008AFF

Rectangle

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



DB00A7



E81330



009041



0093BE

Sweetspot

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



DB00A7



FFB3ED



3300DB



805275



000000



808080

Same Dimension

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



DB00A7



FF00C2



DB003A



6E636B



AD0084



2E0023

Inverse Universe

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



DB00A7



FF00C2



00DBA1



6E636B



AD0084



2E0023

Previews

White Background



This preview shows how the Hex color DB00A7 looks on a white background.

Color Contrast Check

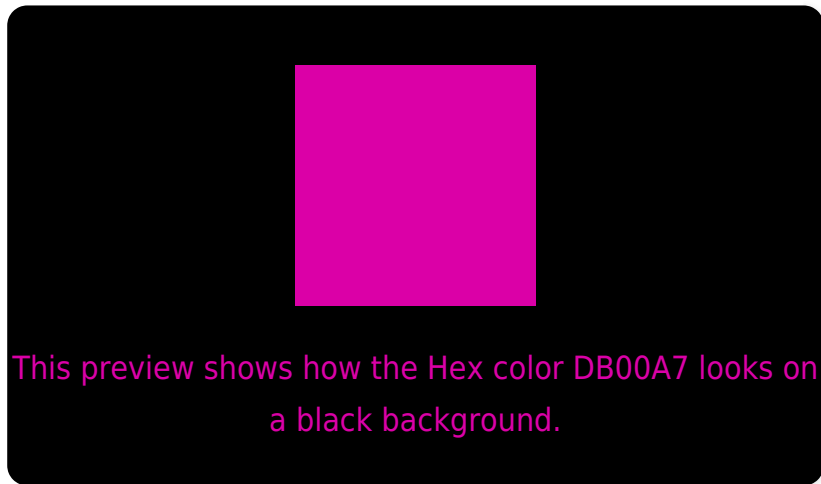
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 DB00A7 Background



This preview shows how black text looks on a background with the Hex color DB00A7.




This preview shows how white text looks on a background with the Hex color DB00A7.

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
D34245

Trichromacy



Original Color
DB00A7



Protanomaly
6849D4



Deuteranomaly
964AA0



Tritanomaly
D62A69

Monochromacy



Original Color
DB00A7



Achromatopsia
555555



Achromatomaly
863673

CSS Examples

Text

The CSS property to change the color of the text to Hex DB00A7 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 #DB00A7 looks like.

```
.text, #text, p{  
    color:#DB00A7  
}
```

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 #DB00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB00A7
}
```

Border

The CSS property to change the border of an element to Hex DB00A7 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
#DB00A7 }
```

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

```
.border{ border-color:#DB00A7 }
```

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

Here you see how a box with a 4 pixel #DB00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB00A7; -webkit-box-shadow:4px 4px  
4px 4px #DB00A7; box-shadow:4px 4px 4px  
4px #DB00A7 }
```

Background

The CSS property to change the background color of an element to Hex DB00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB00A7 }
```

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

```
.background{ background-color:#DB00A7 }
```

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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