

Converting Colors

Hex(DC00D7)

Have a look what the booklet for
Hex(DC00D7) contains.

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Color

Hex(DC00D7)

Conversions

Conversions Part 1

Format	Color
Hex	DC00D7
RGB	220, 0, 215
RGB Percent	86%, 0%, 84%
CMY	0.1373, 1.0000, 0.1569
CMYK	0.00, 1.00, 0.02, 0.14
HSL	301°, 100%, 43%
HSV	301°, 100%, 86%
XYZ	41.7809, 20.1219, 65.9718
YIQ	90.2900, 62.1050, 113.5050

Conversions

Conversions Part 2

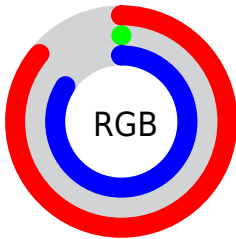
Format	Color
R_{YB}	220, 0, 215
Decimal	14418135
CIE _{Lab}	51.97, 87.18, -52.04
CIE _{LCh}	52, 101.530, 329.166
Yxy	20.1219, 0.3267, 0.1574
Android (android.graphics.Color)	4292608215 (0xFFDC00D7)
YUV	90.2900, 61.4820, 113.7557
Hunter-Lab	44.8575, 87.7570, -55.7974

Details

The Hex color **DC00D7** 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 **00DC05**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF61FF**, and **A0009F** is the 20% darker color. If you saturate the color by 10%, you get **DC00D7**, and if you desaturate by 10%, it is **DC16D7**.

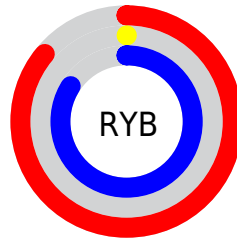
Distribution



Red (86%)

Green (0%)

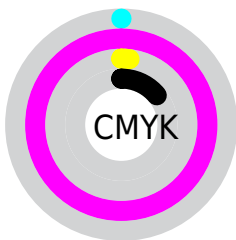
Blue (84%)



Red (86%)

Yellow (0%)

Blue (84%)

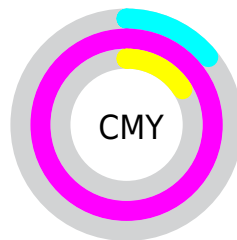


Cyan (0%)

Magenta (100%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC00D7 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 DC00D7 by changing the saturation by 10% instead.

 DC00D7

 DC00D7

FFFFFF

 BE00BB

 FF61FF

 A0009F

 FF80FF

 820085

 FF9FFF

 65006B

 FFBDFD

 4A0052

 FFDCFF

 2C003A

 FFFAFF

 000023

 000009

 000000

 DC00D7

 DC16D7

 DC2CD8

 DC42D8

 DC58D9

 DC6ED9

 DC84DA

 DC9ADA

 DCB0DB

 DCC6DC

Harmonies

Analogous

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



5465FF



DC00D7



FF0083

Triad

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



DC00D7



997800



009ED0

Complementary

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



DC00D7



00DC05

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.



009C77



DC00D7



3D8E00

Square

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



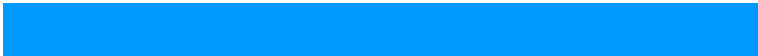
DC00D7



DA4D00



009808



009AFF

Rectangle

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



DC00D7



FF004A



009808



009EB3

Sweetspot

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



DC00D7



FFB3FD



0400DC



80527E



000000



808080

Same Dimension

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



DC00D7



FF00F9



DC006A



6E636D



AD00A9



2E002D

Inverse Universe

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



DC00D7



FF00F9



00DC72



6E636D



AD00A9



2E002D

Previews

White Background



This preview shows how the Hex color DC00D7 looks on a white background.

Color Contrast Check

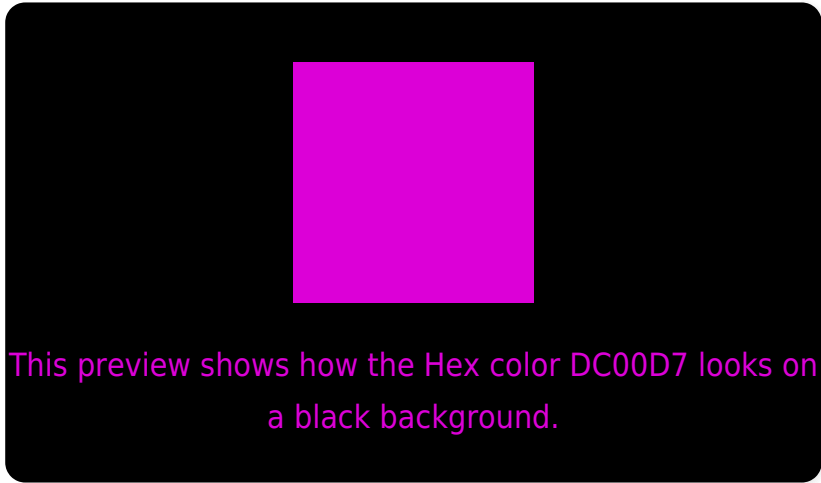
Large Text (above 18pt) WCAG AA ✓ Pass

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

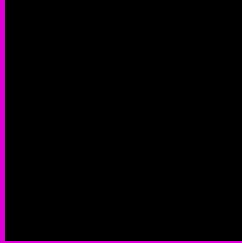
Any Text WCAG AA ✓ Pass

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 DC00D7 Background



This preview shows how black text looks on a background with the Hex color DC00D7.



This preview shows how white text looks on a background with the Hex color DC00D7.

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



Original Color
DC00D7

Protanopia
1279FF

Deuteranopia
507ECA

Trichromacy



Original Color
DC00D7



Protanomaly
5B4DF0



Deuteranomaly
8350CF



Tritanomaly
D43587

Monochromacy



Original Color
DC00D7



Achromatopsia
5A5A5A



Achromatomaly
893987

CSS Examples

Text

The CSS property to change the color of the text to Hex DC00D7 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 #DC00D7 looks like.

```
.text, #text, p{  
    color:#DC00D7  
}
```

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 #DC00D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC00D7
}
```

Border

The CSS property to change the border of an element to Hex DC00D7 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
#DC00D7 }
```

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

```
.border{ border-color:#DC00D7 }
```

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

Here you see how a box with a 4 pixel #DC00D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC00D7; -webkit-box-shadow:4px 4px  
4px 4px #DC00D7; box-shadow:4px 4px 4px  
4px #DC00D7 }
```

Background

The CSS property to change the background color of an element to Hex DC00D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC00D7 }
```

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

```
.background{ background-color:#DC00D7 }
```

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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