

Converting Colors

Hex(DC00A7)

Have a look what the booklet for
Hex(DC00A7) contains.

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Color

Hex(DC00A7)

Conversions

Conversions Part 1

Format	Color
Hex	DC00A7
RGB	220, 0, 167
RGB Percent	86%, 0%, 65%
CMY	0.1373, 1.0000, 0.3451
CMYK	0.00, 1.00, 0.24, 0.14
HSL	314°, 100%, 43%
HSV	314°, 100%, 86%
XYZ	36.4903, 18.0057, 38.1114
YIQ	84.8180, 77.5130, 98.5770

Conversions

Conversions Part 2

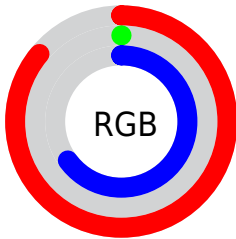
Format	Color
R_{YB}	220, 0, 167
Decimal	14418087
CIE _{Lab}	49.50, 81.06, -28.01
CIE _{LCh}	50, 85.762, 340.935
Yxy	18.0057, 0.3940, 0.1944
Android (android.graphics.Color)	4292608167 (0xFFDC00A7)
YUV	84.8180, 40.5157, 118.5546
Hunter-Lab	42.4331, 79.2429, -23.5483

Details

The Hex color **DC00A7** 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 **00DC35**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5EDE**, and **A00073** is the 20% darker color. If you saturate the color by 10%, you get **DC00A7**, and if you desaturate by 10%, it is **DC16AC**.

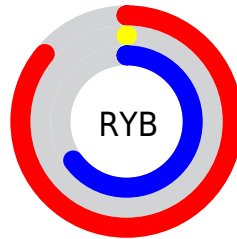
Distribution



Red (86%)

Green (0%)

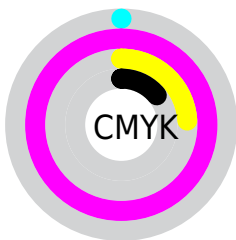
Blue (65%)



Red (86%)

Yellow (0%)

Blue (65%)

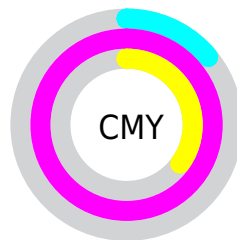


Cyan (0%)

Magenta (100%)

Yellow (24%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC00A7 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 DC00A7 by changing the saturation by 10% instead.

 DC00A7

 DC00A7

FFFFFF

 BE008C

 FF5EDE

 A00073

 FF7DFB

 82005A

 FF9CFF

 650042

 FFBAFF

 4A002C

 FFD8FF

 2C0016

 FFF6FF

 000000

 DC00A7

 DC16AC

 DC2CB2

 DC42B7

 DC58BC

 DC6EC2

 DC84C7

 DC9ACC

 DCB0D1

 DCC6D7

Harmonies

Analogous

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



9452E5



DC00A7



F0005F

Triad

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



DC00A7



787B00



0092D5

Complementary

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



DC00A7



00DC35

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.



009390



DC00A7



028A00

Square

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



DC00A7



B46000



009142



008BFF

Rectangle

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



DC00A7



E91530



009142



0093C0

Sweetspot

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



DC00A7



FFB3ED



3300DC



805274



000000



808080

Same Dimension

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



DC00A7



FF00C2



DC003B



6E636B



AD0084



2E0023

Inverse Universe

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



DC00A7



FF00C2



00DCA1



6E636B



AD0084



2E0023

Previews

White Background



This preview shows how the Hex color DC00A7 looks on a white background.

Color Contrast Check

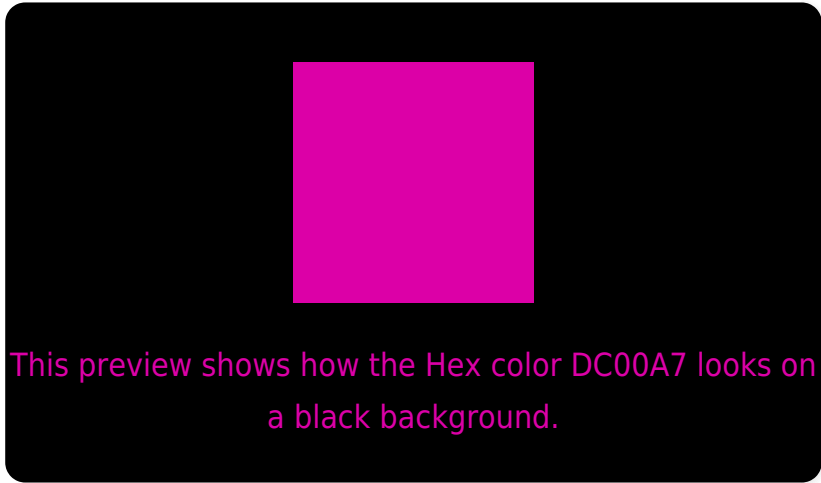
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC00A7 Background



This preview shows how black text looks on a background with the Hex color DC00A7.



This preview shows how white text looks on a background with the Hex color DC00A7.

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
DC00A7



Protanomaly
6A4AD4



Deuteranomaly
974BA0



Tritanomaly
D72A69

Monochromacy



Original Color
DC00A7



Achromatopsia
555555



Achromatomaly
863673

CSS Examples

Text

The CSS property to change the color of the text to Hex DC00A7 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 #DC00A7 looks like.

```
.text, #text, p{  
    color:#DC00A7  
}
```

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 #DC00A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC00A7
}
```

Border

The CSS property to change the border of an element to Hex DC00A7 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
#DC00A7 }
```

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

```
.border{ border-color:#DC00A7 }
```

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

Here you see how a box with a 4 pixel #DC00A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC00A7; -webkit-box-shadow:4px 4px  
4px 4px #DC00A7; box-shadow:4px 4px 4px  
4px #DC00A7 }
```

Background

The CSS property to change the background color of an element to Hex DC00A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC00A7 }
```

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

```
.background{ background-color:#DC00A7 }
```

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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