

Converting Colors

Hex(DC0097)

Have a look what the booklet for
Hex(DC0097) contains.

Hex(DC0097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DC0097)

Conversions

Conversions Part 1

Format	Color
Hex	DC0097
RGB	220, 0, 151
RGB Percent	86%, 0%, 59%
CMY	0.1373, 1.0000, 0.4078
CMYK	0.00, 1.00, 0.31, 0.14
HSL	319°, 100%, 43%
HSV	319°, 100%, 86%
XYZ	35.1011, 17.4500, 30.7963
YIQ	82.9940, 82.6490, 93.6010

Conversions

Conversions Part 2

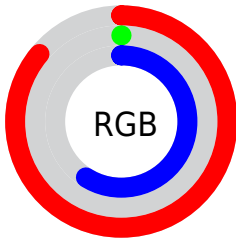
Format	Color
RYB	220, 0, 151
Decimal	14418071
CIELab	48.82, 79.32, -19.52
CIElCh	49, 81.688, 346.174
Yxy	17.4500, 0.4211, 0.2094
Android (android.graphics.Color)	4292608151 (0xFFDC0097)
YUV	82.9940, 33.5270, 120.1543
Hunter-Lab	41.7732, 76.8865, -14.4689

Details

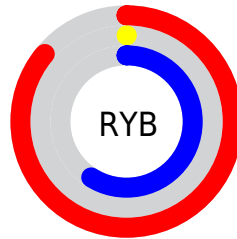
The Hex color **DC0097** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00DC45**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5DCD**, and **9F0064** is the 20% darker color. If you saturate the color by 10%, you get **DC0097**, and if you desaturate by 10%, it is **DC169E**.

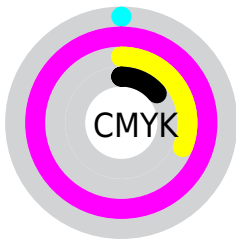
Distribution



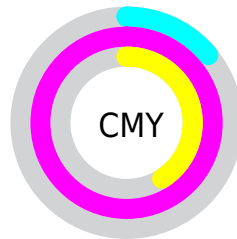
- Red (86%)
- Green (0%)
- Blue (59%)



- Red (86%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (14%)



- Cyan (14%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC0097 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 DC0097 by changing the saturation by 10% instead.

 DC0097

 DC0097

FFFFFF

 BD007D

 FF5DCD

 9F0064

 FF7CEA

 82004C

 FF9BFF

 640035

 FFB9FF

 490020

 FFD7FF

 2B0002

 FFF5FF

 000000

 DC0097

 DC169E

 DC2CA5

 DC42AC

 DC58B3

 DC6EBA

 DC84C0

 DC9AC7

 DCB0CE

 DCC6D5

Harmonies

Analogous

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



A24AD5



DC0097



E90052

Triad

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



DC0097



6B7C00



008FD8

Complementary

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



DC0097



00DC45

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.



009199



DC0097



008900

Square

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



DC0097



A76500



008F50



0086FC

Rectangle

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



DC0097



DE2C25



008F50



0090C5

Sweetspot

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



DC0097



FFB3E7



4200DC



805271



000000



808080

Same Dimension

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



DC0097



FF00AF



DC002C



6E636A



AD0077



2E0020

Inverse Universe

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



DC0097



FF00AF



00DCB0



6E636A



AD0077



2E0020

Previews

White Background



This preview shows how the Hex color DC0097 looks on a white background.

Color Contrast Check

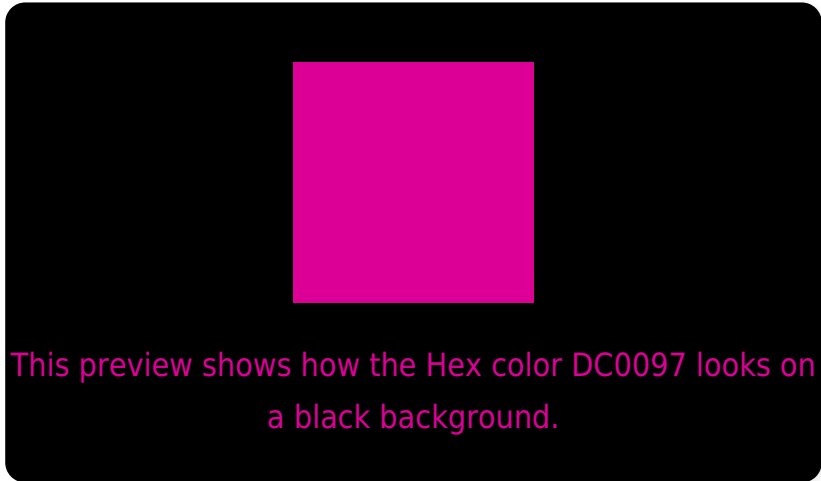
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC0097 Background



This preview shows how black text looks on a background with the Hex color DC0097.

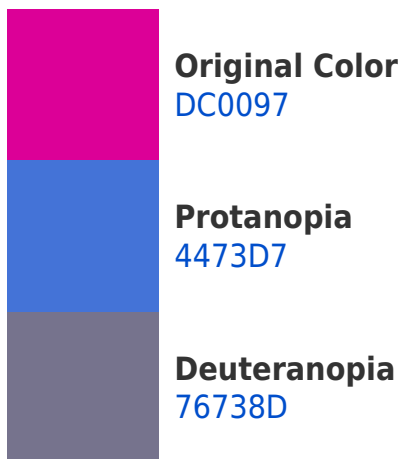


This preview shows how white text looks on a background with the Hex color DC0097.

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
D63C3E

Trichromacy



Original Color
DC0097



Protanomaly
7B49C0



Deuteranomaly
9B4991



Tritanomaly
D8265E

Monochromacy



Original Color
DC0097



Achromatopsia
535353



Achromatomaly
85356C

CSS Examples

Text

The CSS property to change the color of the text to Hex DC0097 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 #DC0097 looks like.

```
.text, #text, p{  
    color:#DC0097  
}
```

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 #DC0097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC0097
}
```

Border

The CSS property to change the border of an element to Hex DC0097 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
#DC0097 }
```

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

```
.border{ border-color:#DC0097 }
```

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

Here you see how a box with a 4 pixel #DC0097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC0097; -webkit-box-shadow:4px 4px  
4px 4px #DC0097; box-shadow:4px 4px 4px  
4px #DC0097 }
```

Background

The CSS property to change the background color of an element to Hex DC0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC0097 }
```

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

```
.background{ background-color:#DC0097 }
```

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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