

Converting Colors

Hex(DC05C2)

Have a look what the booklet for
Hex(DC05C2) contains.

Hex(DC05C2)	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(DC05C2)

Conversions

Conversions Part 1

Format	Color
Hex	DC05C2
RGB	220, 5, 194
RGB Percent	86%, 2%, 76%
CMY	0.1373, 0.9804, 0.2392
CMYK	0.00, 0.98, 0.12, 0.14
HSL	307°, 96%, 44%
HSV	307°, 98%, 86%
XYZ	39.3071, 19.2192, 52.6769
YIQ	90.8310, 67.4710, 104.3590

Conversions

Conversions Part 2

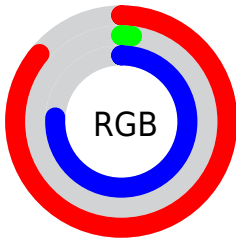
Format	Color
R_{YB}	220, 5, 194
Decimal	14419394
CIE _{Lab}	50.94, 83.97, -41.59
CIE _{LCh}	51, 93.706, 333.653
Yxy	19.2192, 0.3535, 0.1728
Android (android.graphics.Color)	4292609474 (0xFFDC05C2)
YUV	90.8310, 50.8623, 113.2812
Hunter-Lab	43.8397, 83.3250, -40.5538

Details

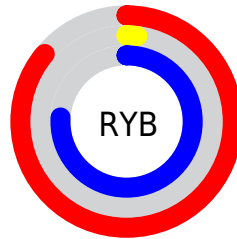
The Hex color **DC05C2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **05DC1F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF61FB**, and **A0008C** is the 20% darker color. If you saturate the color by 10%, you get **DC00C1**, and if you desaturate by 10%, it is **DC1BC5**.

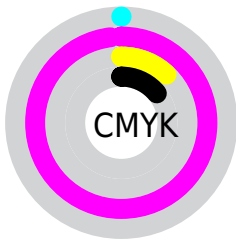
Distribution



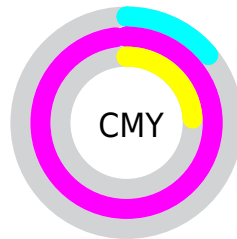
- Red (86%)
- Green (2%)
- Blue (76%)



- Red (86%)
- Yellow (2%)
- Blue (76%)



- Cyan (0%)
- Magenta (98%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC05C2 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 DC05C2 by changing the saturation by 10% instead.

 DC05C2

 DC05C2

FFFFFF

 BE00A6

 FF61FB

 A0008C

 FF80FF

 830072

 FF9EFF

 660059

 FFBCFF

 4B0041

 FFDBFF

 2D002A

 FFF9FF

 000013

 000000

 DC05C2

 DC05C2

 DC00C1

 DC1BC5

 DC31C7

 DC47CA

 DC5DCD

 DC73CF

 DC89D2

 DC9FD5

 DCB5D7

 DCCBDA

Harmonies

Analogous

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



775DFF



DC05C2



FE0073

Triad

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



DC05C2



8C7A00



0099D1

Complementary

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



DC05C2



05DC1F

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.



009881



DC05C2



2E8C00

Square

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



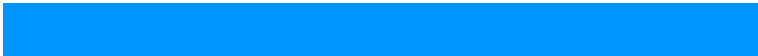
DC05C2



CA5700



009529



0094FF

Rectangle

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



DC05C2



FB0040



009529



0099B8

Sweetspot

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



DC05C2



FFB5F6



1E05DC



80537A



000000



808080

Same Dimension

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



DC05C2



FF00E0



DC0557



6E636C



AD0098



2E0028

Inverse Universe

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



DC05C2



FF00E0



05DC8A



6E636C



AD0098



2E0028

Previews

White Background



This preview shows how the Hex color DC05C2 looks on a white background.

Color Contrast Check

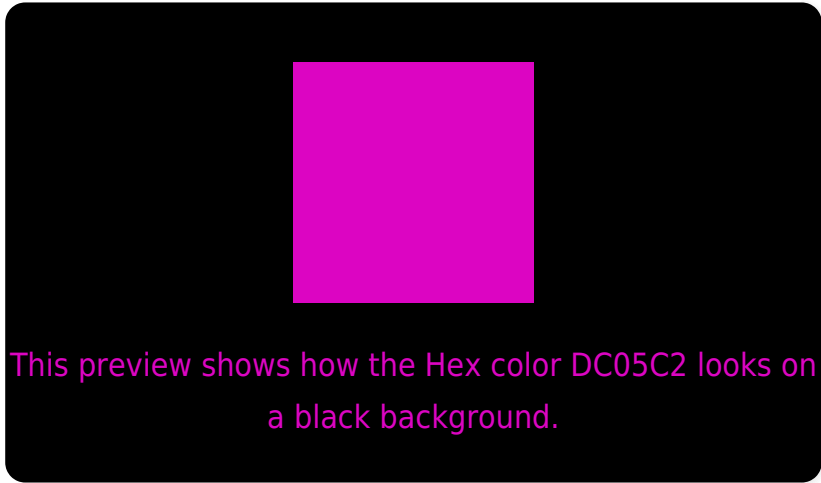
Large Text (above 18pt) WCAG AA ✓ Pass

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

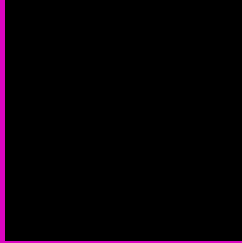
Any Text WCAG AA ✓ Pass

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 DC05C2 Background



This preview shows how black text looks on a background with the Hex color DC05C2.

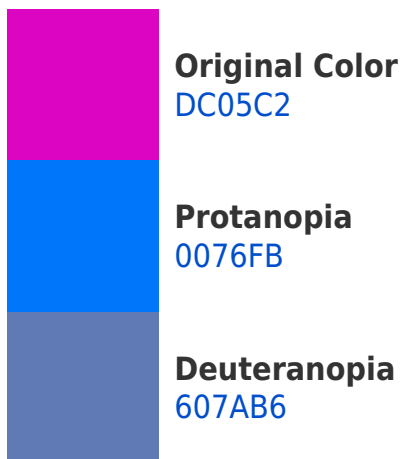



This preview shows how white text looks on a background with the Hex color DC05C2.

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
D24C51

Trichromacy



Original Color
DC05C2



Protanomaly
504DE6



Deuteranomaly
8D4FBA



Tritanomaly
D6327A

Monochromacy



Original Color
DC05C2



Achromatopsia
5B5B5B



Achromatomaly
8A3C80

CSS Examples

Text

The CSS property to change the color of the text to Hex DC05C2 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 #DC05C2 looks like.

```
.text, #text, p{  
    color:#DC05C2  
}
```

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 #DC05C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC05C2
}
```

Border

The CSS property to change the border of an element to Hex DC05C2 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
#DC05C2 }
```

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

```
.border{ border-color:#DC05C2 }
```

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

Here you see how a box with a 4 pixel #DC05C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC05C2; -webkit-box-shadow:4px 4px  
4px 4px #DC05C2; box-shadow:4px 4px 4px  
4px #DC05C2 }
```

Background

The CSS property to change the background color of an element to Hex DC05C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC05C2 }
```

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

```
.background{ background-color:#DC05C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor