

Converting Colors

Hex(DC05B2)

Have a look what the booklet for
Hex(DC05B2) contains.

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Color

Hex(DC05B2)

Conversions

Conversions Part 1

Format	Color
Hex	DC05B2
RGB	220, 5, 178
RGB Percent	86%, 2%, 70%
CMY	0.1373, 0.9804, 0.3020
CMYK	0.00, 0.98, 0.19, 0.14
HSL	312°, 96%, 44%
HSV	312°, 98%, 86%
XYZ	37.6054, 18.5385, 43.7158
YIQ	89.0070, 72.6070, 99.3830

Conversions

Conversions Part 2

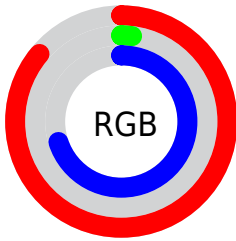
Format	Color
R_{YB}	220, 5, 178
Decimal	14419378
CIE _{Lab}	50.14, 81.96, -33.50
CIE _{LCh}	50, 88.548, 337.766
Yxy	18.5385, 0.3766, 0.1856
Android (android.graphics.Color)	4292609458 (0xFFDC05B2)
YUV	89.0070, 43.8735, 114.8809
Hunter-Lab	43.0564, 80.5527, -30.0585

Details

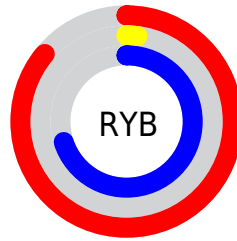
The Hex color **DC05B2** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **05DC2F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60EA**, and **A0007D** is the 20% darker color. If you saturate the color by 10%, you get **DC00B1**, and if you desaturate by 10%, it is **DC1BB6**.

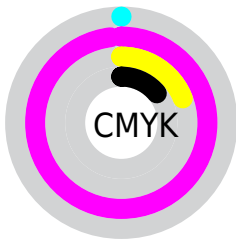
Distribution



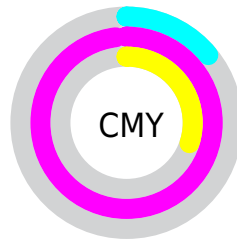
- Red (86%)
- Green (2%)
- Blue (70%)



- Red (86%)
- Yellow (2%)
- Blue (70%)



- Cyan (0%)
- Magenta (98%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (98%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC05B2 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 DC05B2 by changing the saturation by 10% instead.

 DC05B2

 DC05B2

FFFFFF

 BE0097

 FF60EA

 A0007D

 FF7FFF

 820063

 FF9DFF

 65004B

 FFBBFF

 4B0034

 FFD9FF

 2C001E

 FFF8FF

 000000

 DC05B2

 DC05B2

 DC00B1

 DC1BB6

 DC31BB

 DC47BF

 DC5DC3

 DC73C7

 DC89CC

 DC9FD0

 DCB5D4

 DCCBD9

Harmonies

Analogous

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



8A57F0



DC05B2



F60068

Triad

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



DC05B2



807B00



0095D3

Complementary

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



DC05B2



05DC2F

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.



00958A



DC05B2



1D8B00

Square

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



DC05B2



BD5D00



009239



008FFF

Rectangle

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



DC05B2



F00037



009239



0096BC

Sweetspot

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



DC05B2



FFB5F1



2C05DC



805377



000000



808080

Same Dimension

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



DC05B2



FF00CD



DC0549



6E636C



AD008C



2E0025

Inverse Universe

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



DC05B2



FF00CD



05DC98



6E636C



AD008C



2E0025

Previews

White Background



This preview shows how the Hex color DC05B2 looks on a white background.

Color Contrast Check

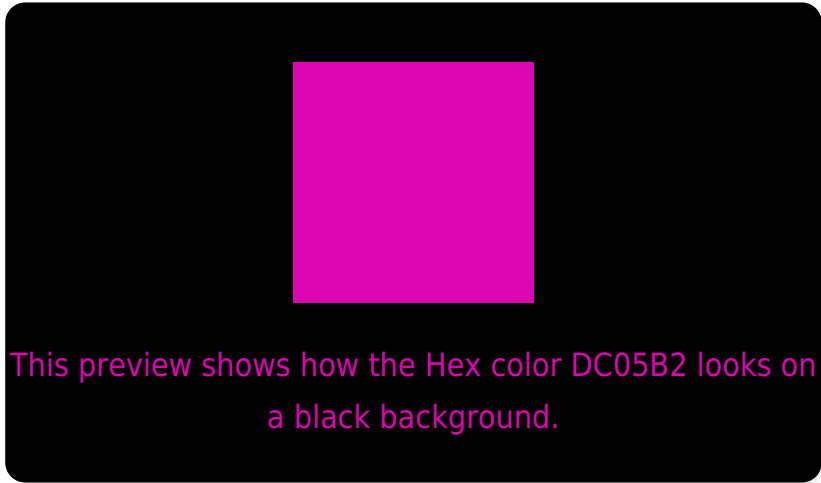
Large Text (above 18pt) WCAG AA ✓ Pass

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

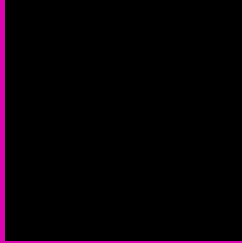
Any Text WCAG AA ✓ Pass

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 DC05B2 Background



This preview shows how black text looks on a background with the Hex color DC05B2.

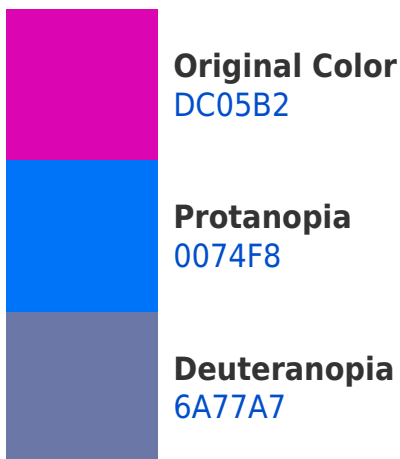



This preview shows how white text looks on a background with the Hex color DC05B2.

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
D3464A

Trichromacy



Original Color
DC05B2



Protanomaly
504CDF



Deuteranomaly
934EAB



Tritanomaly
D62E70

Monochromacy



Original Color
DC05B2



Achromatopsia
595959



Achromatomaly
893A79

CSS Examples

Text

The CSS property to change the color of the text to Hex DC05B2 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 #DC05B2 looks like.

```
.text, #text, p{  
    color:#DC05B2  
}
```

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 #DC05B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC05B2
}
```

Border

The CSS property to change the border of an element to Hex DC05B2 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
#DC05B2 }
```

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

```
.border{ border-color:#DC05B2 }
```

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

Here you see how a box with a 4 pixel #DC05B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC05B2; -webkit-box-shadow:4px 4px  
4px 4px #DC05B2; box-shadow:4px 4px 4px  
4px #DC05B2 }
```

Background

The CSS property to change the background color of an element to Hex DC05B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC05B2 }
```

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

```
.background{ background-color:#DC05B2 }
```

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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