

Converting Colors

Hex(CD07E9)

Have a look what the booklet for
Hex(CD07E9) contains.

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Color

Hex(CD07E9)

Conversions

Conversions Part 1

Format	Color
Hex	CD07E9
RGB	205, 7, 233
RGB Percent	80%, 3%, 91%
CMY	0.1961, 0.9725, 0.0863
CMYK	0.12, 0.97, 0.00, 0.09
HSL	293°, 94%, 47%
HSV	293°, 97%, 91%
XYZ	39.9608, 19.0143, 78.6547
YIQ	91.9660, 45.4620, 112.2620

Conversions

Conversions Part 2

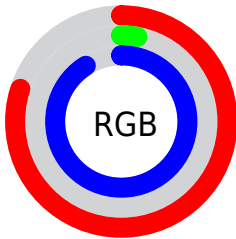
Format	Color
RYB	205, 7, 233
Decimal	13436905
CIELab	50.70, 87.06, -64.45
CIELCh	51, 108.314, 323.488
Yxy	19.0143, 0.2903, 0.1382
Android (android.graphics.Color)	4291626985 (0xFFCD07E9)
YUV	91.9660, 69.5298, 99.1308
Hunter-Lab	43.6054, 87.2714, -76.4227

Details

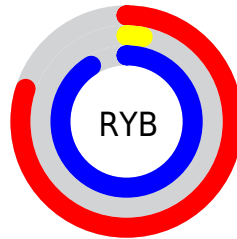
The Hex color **CD07E9** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **23E907**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF60FF**, and **9100B0** is the 20% darker color. If you saturate the color by 10%, you get **CC00E9**, and if you desaturate by 10%, it is **D01EE9**.

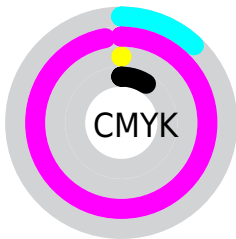
Distribution



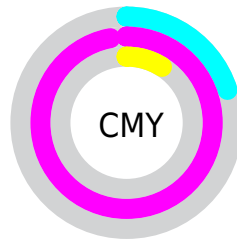
- Red (80%)
- Green (3%)
- Blue (91%)



- Red (80%)
- Yellow (3%)
- Blue (91%)



- Cyan (12%)
- Magenta (97%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (97%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD07E9 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 CD07E9 by changing the saturation by 10% instead.

 CD07E9

 CD07E9

FFFFFF

 AF00CC

 FF60FF

 9100B0

 FF80FF

 740095

 FF9EFF

 56007A

 FFBCFF

 3A0060

 FFDAFF

 170047

 FFF9FF

 000130

 00011A

 000000

 CD07E9

 CD07E9

 CC00E9

 D01EE9

 D336E9

 D64DE9

 D964E9

 DB7CE9

 DE93E9

 E1AAE9

 E4C1E9

 E7D9E9

Harmonies

Analogous

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



006BFF



CD07E9



FF0091

Triad

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



CD07E9



A46F00



009BC1

Complementary

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



CD07E9



23E907

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.



009961



CD07E9



498900

Square

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



CD07E9



E53500



009400



009AFF

Rectangle

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



CD07E9



FF0055



009400



009BA2

Sweetspot

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



CD07E9



F6B5FF



0725E9



7A5380



000000



808080

Same Dimension

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



CD07E9



DF00FF



E90796



746A75



9F00B5



2F0036

Inverse Universe

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



E90723



FF0020



07E95A



756A6B



B50016



360007

Previews

White Background



This preview shows how the Hex color CD07E9 looks on a white background.

Color Contrast Check

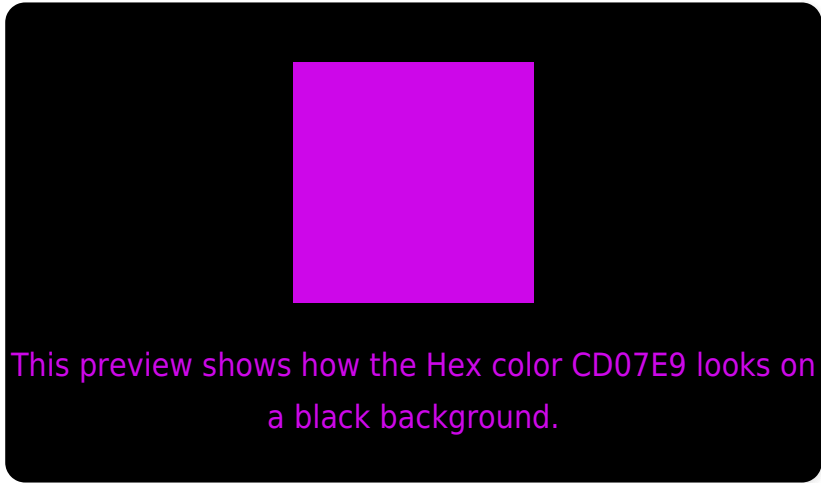
Large Text (above 18pt) WCAG AA ✓ Pass

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

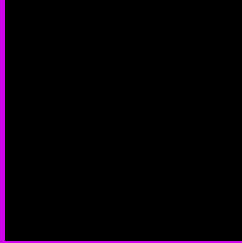
Any Text WCAG AA ✓ Pass

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 CD07E9 Background



This preview shows how black text looks on a background with the Hex color CD07E9.



This preview shows how white text looks on a background with the Hex color CD07E9.

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
CD07E9

Protanopia
0076F8

Deuteranopia
127CDB

Trichromacy



Original Color
CD07E9



Protanomaly
4B4EF3



Deuteranomaly
5651E0



Tritanomaly
C23C93

Monochromacy



Original Color
CD07E9



Achromatopsia
5C5C5C



Achromatomaly
853D8F

CSS Examples

Text

The CSS property to change the color of the text to Hex CD07E9 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 #CD07E9 looks like.

```
.text, #text, p{  
    color:#CD07E9  
}
```

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 #CD07E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD07E9
}
```

Border

The CSS property to change the border of an element to Hex CD07E9 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
#CD07E9 }
```

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

```
.border{ border-color:#CD07E9 }
```

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

Here you see how a box with a 4 pixel #CD07E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD07E9; -webkit-box-shadow:4px 4px  
4px 4px #CD07E9; box-shadow:4px 4px 4px  
4px #CD07E9 }
```

Background

The CSS property to change the background color of an element to Hex CD07E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD07E9 }
```

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

```
.background{ background-color:#CD07E9 }
```

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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