

# Converting Colors

Hex(CD07B0)

Have a look what the booklet for  
Hex(CD07B0) contains.

<b>Hex(CD07B0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(CD07B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD07B0
RGB	205, 7, 176
RGB Percent	80%, 3%, 69%
CMY	0.1961, 0.9725, 0.3098
CMYK	0.00, 0.97, 0.14, 0.20
HSL	309°, 93%, 42%
HSV	309°, 97%, 80%
XYZ	33.0893, 16.2657, 42.4699
YIQ	85.4680, 63.7590, 94.5350

# Conversions

## Conversions Part 2

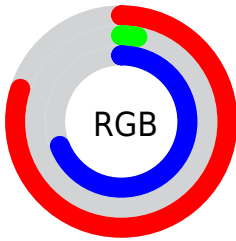
Format	Color
<b>RYB</b>	205, 7, 176
Decimal	13436848
CIELab	47.32, 78.80, -36.95
CIElCh	47, 87.037, 334.876
Yxy	16.2657, 0.3604, 0.1771
Android (android.graphics.Color)	4291626928 (0xFFCD07B0)
YUV	85.4680, 44.6323, 104.8296
Hunter-Lab	40.3307, 75.8713, -34.2032

# Details

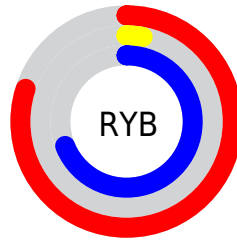
The Hex color **CD07B0** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **07CD24**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5DE8**, and **92007B** is the 20% darker color. If you saturate the color by 10%, you get **CD00AF**, and if you desaturate by 10%, it is **CD1CB3**.

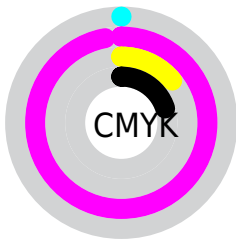
# Distribution



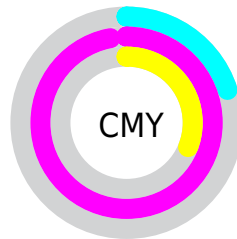
- Red (80%)
- Green (3%)
- Blue (69%)



- Red (80%)
- Yellow (3%)
- Blue (69%)



- Cyan (0%)
- Magenta (97%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (97%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD07B0 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 CD07B0 by changing the saturation by 10% instead.



 CD07B0

 CD07B0

FFFFFF

 AF0095

 FF5DE8

 92007B

 FF7CFF

 750062

 FF99FF

 580049

 FFB7FF

 3E0032

 FFD5FF

 1F001C

 FFF3FF

 000000

 CD07B0

 CD07B0

 CD00AF

 CD1CB3

 CD30B6

 CD45B9

 CD59BC

 CD6EBF

 CD82C2

 CD97C5

 CDABC8

 CDC0CB

# Harmonies

## Analogous

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



7555EB



CD07B0



EA0068

# Triad

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



CD07B0



7F7200



008DC3

# Complementary

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



CD07B0



07CD24

# 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.



008D7B



CD07B0



278200

# Square

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



CD07B0



B95300



008A2B



0088F7

# Rectangle

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



CD07B0



E70039



008A2B



008EAD



# Sweetspot

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



CD07B0



FFB5F4



2107CD



805379



000000



808080



# Same Dimension

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



CD07B0



FF00DA



CD0750



665C65



A6008D



260021



# Inverse Universe

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



CD07B0



FF00DA



07CD84



665C65



A6008D



260021



# Previews

## White Background



This preview shows how the Hex color CD07B0 looks on a white background.

## Color Contrast Check

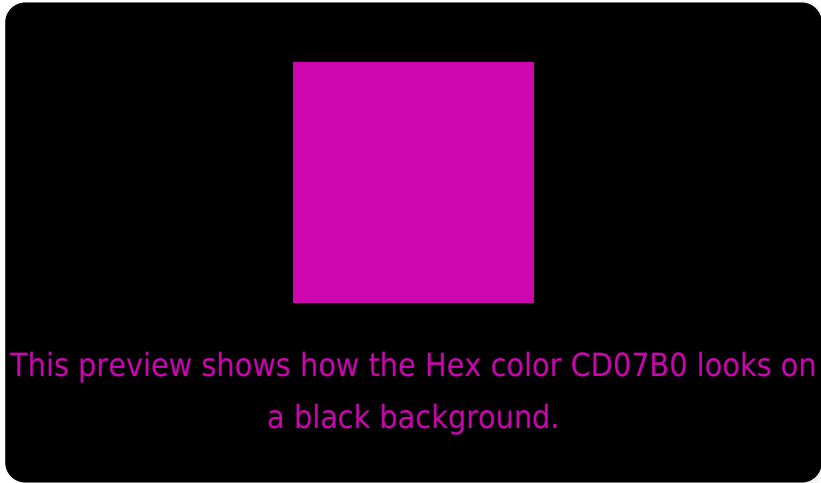
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD07B0 Background



This preview shows how black text looks on a background with the Hex color CD07B0.

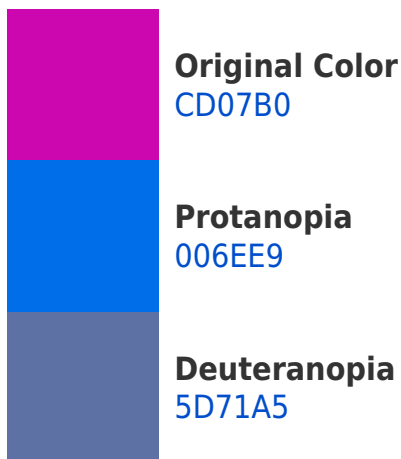



This preview shows how white text looks on a background with the Hex color CD07B0.

# 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**  
C44549

# Trichromacy



**Original Color**  
CD07B0



**Protanomaly**  
4B49D4



**Deuteranomaly**  
864AA9



**Tritanomaly**  
C72E6E

# Monochromacy



**Original Color**  
CD07B0



**Achromatopsia**  
555555



**Achromatomaly**  
813976

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD07B0 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 #CD07B0 looks like.

```
.text, #text, p{  
    color:#CD07B0  
}
```

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 #CD07B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD07B0
}
```

## Border

The CSS property to change the border of an element to Hex CD07B0 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
#CD07B0 }
```

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

```
.border{ border-color:#CD07B0 }
```

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

Here you see how a box with a 4 pixel #CD07B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD07B0; -webkit-box-shadow:4px 4px  
4px 4px #CD07B0; box-shadow:4px 4px 4px  
4px #CD07B0 }
```

# Background

The CSS property to change the background color of an element to Hex CD07B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD07B0 }
```

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

```
.background{ background-color:#CD07B0 }
```

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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