

# Converting Colors

Hex(D07197)

Have a look what the booklet for  
Hex(D07197) contains.

<b>Hex(D07197)</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(D07197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D07197
RGB	208, 113, 151
RGB Percent	82%, 44%, 59%
CMY	0.1843, 0.5569, 0.4078
CMYK	0.00, 0.46, 0.27, 0.18
HSL	336°, 50%, 63%
HSV	336°, 46%, 82%
XYZ	37.5035, 27.4545, 32.6008
YIQ	145.7370, 44.4220, 31.9580

# Conversions

## Conversions Part 2

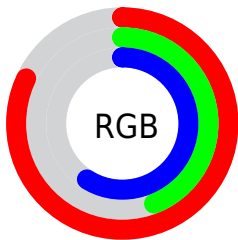
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 113, 151
Decimal	13660567
CIE Lab	59.39, 41.76, -3.81
CIE LCh	59, 41.936, 354.785
Yxy	27.4545, 0.3844, 0.2814
Android (android.graphics.Color)	4291850647 (0xFFD07197)
YUV	145.7370, 2.5947, 54.6047
Hunter-Lab	52.3971, 36.0674, -0.2115

# Details

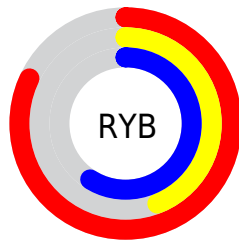
The Hex color **D07197** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71D0AA**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA7CD**, and **973D64** is the 20% darker color. If you saturate the color by 10%, you get **D05C8B**, and if you desaturate by 10%, it is **D086A3**.

# Distribution



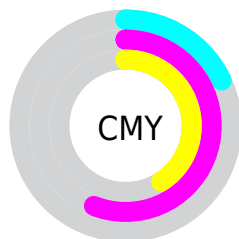
- Red (82%)
- Green (44%)
- Blue (59%)



- Red (82%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (46%)
- Yellow (27%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D07197 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 D07197 by changing the saturation by 10% instead.



 D07197

 D07197

FFFFFF

 B3577D

 FFA7CD

 973D64

 FFC3E9

 7C234C

 FFDFFF

 610336

 FFFCFF

 460021

 310008

 000000

 D07197

 D07197

 D05C8B

 D086A3

 D0477E

 D09BB0

 D03372

 D0AFBC

 D01E65

 D0C4C9

 D00959

 D0D9D5

 D00053

 D0EEE2

 D0FFEE

 D0FFFB

 D0FFFF

# Harmonies

## Analogous

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



B77ABA



D07197



D47372

# Triad

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



D07197



87964A



009ECA

# Complementary

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



D07197



71D0AA

# 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.



00A2AD



D07197



5A9E63

# Square

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



D07197



AB8B44



04A287



3F95D8

# Rectangle

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



D07197



CD795D



04A287



009FC2



# Sweetspot

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



D07197



FFDBEA



AA71D0



806A72



000000



808080



# Same Dimension

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



D07197



FF73AB



D07B71



695E62



A80043



290010



# Inverse Universe

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



D07197



FF73AB



71C6D0



695E62



A80043

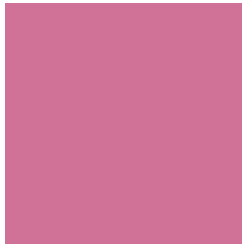


290010



# Previews

## White Background



This preview shows how the Hex color D07197 looks on a white background.

## Color Contrast Check

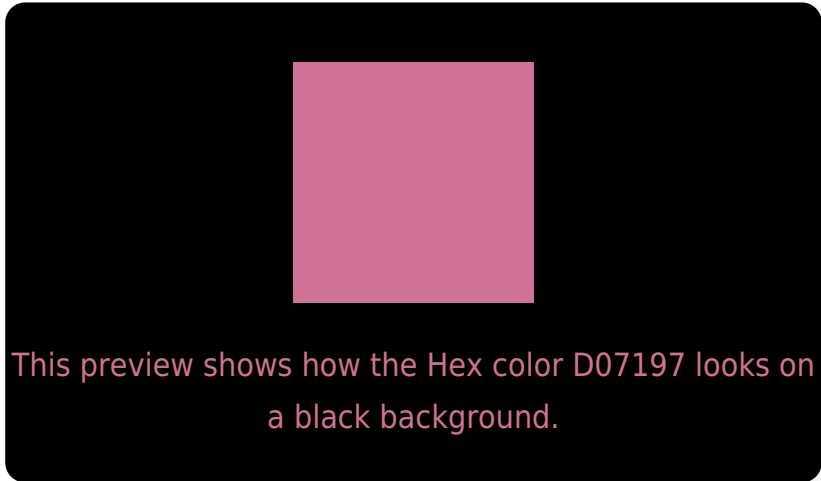
Large Text (above 18pt) WCAG AA ✓ Pass

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 D07197 Background



This preview shows how black text looks on a background with the Hex color D07197.



This preview shows how white text looks on a background with the Hex color D07197.

# 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**  
CE767E

# Trichromacy



**Original Color**  
D07197



**Protanomaly**  
A383A2



**Deuteranomaly**  
AF8294

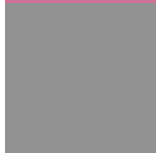


**Tritanomaly**  
CF7487

# Monochromacy



**Original Color**  
D07197



**Achromatopsia**  
929292



**Achromatomaly**  
A98694

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D07197 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 #D07197 looks like.

```
.text, #text, p{  
    color:#D07197  
}
```

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 #D07197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D07197
}
```

## Border

The CSS property to change the border of an element to Hex D07197 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
#D07197 }
```

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

```
.border{ border-color:#D07197 }
```

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

Here you see how a box with a 4 pixel #D07197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D07197; -webkit-box-shadow:4px 4px  
4px 4px #D07197; box-shadow:4px 4px 4px  
4px #D07197 }
```

# Background

The CSS property to change the background color of an element to Hex D07197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D07197 }
```

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

```
.background{ background-color:#D07197 }
```

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