

# Converting Colors

Hex(D207C4)

Have a look what the booklet for  
Hex(D207C4) contains.

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**Color**

**Hex(D207C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D207C4
RGB	210, 7, 196
RGB Percent	82%, 3%, 77%
CMY	0.1765, 0.9725, 0.2314
CMYK	0.00, 0.97, 0.07, 0.18
HSL	304°, 94%, 43%
HSV	304°, 97%, 82%
XYZ	36.6181, 17.8391, 53.7379
YIQ	89.2430, 60.3190, 101.8150

# Conversions

## Conversions Part 2

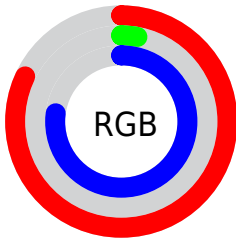
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 7, 196
Decimal	13764548
CIE <sub>Lab</sub>	49.30, 82.36, -45.47
CIE <sub>LCh</sub>	49, 94.072, 331.098
Yxy	17.8391, 0.3384, 0.1649
Android (android.graphics.Color)	4291954628 (0xFFD207C4)
YUV	89.2430, 52.6312, 105.9039
Hunter-Lab	42.2364, 80.8424, -45.8699

# Details

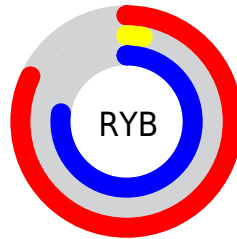
The Hex color **D207C4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **07D215**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF5FFD**, and **97008D** is the 20% darker color. If you saturate the color by 10%, you get **D200C4**, and if you desaturate by 10%, it is **D21CC5**.

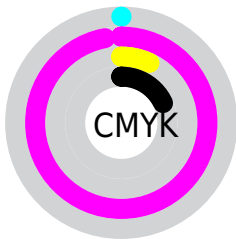
# Distribution



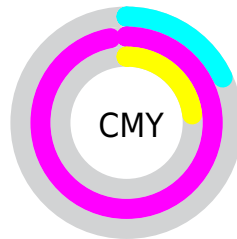
- Red (82%)
- Green (3%)
- Blue (77%)



- Red (82%)
- Yellow (3%)
- Blue (77%)



- Cyan (0%)
- Magenta (97%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (97%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D207C4 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 D207C4 by changing the saturation by 10% instead.



 D207C4

 D207C4

FFFFFF

 B400A8

 FF5FFD

 97008D

 FF7EFF

 790073

 FF9CFF

 5D005A

 FFBAFF

 420042

 FFD8FF

 24002B

 FFF7FF

 000114

 000000

 D207C4

 D207C4

 D200C4

 D21CC5

 D231C7

 D246C8

 D25BCA

 D270CB

 D285CD

 D29ACE

 D2AFD0

 D2C4D1

# Harmonies

## Analogous

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



625DFF



D207C4



F80076

# Triad

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



D207C4



8D7400



0095C7

# Complementary

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



D207C4



07D215

# 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.



009476



D207C4



358700

# Square

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



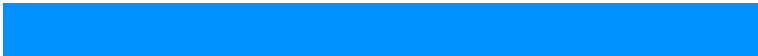
D207C4



C94F00



00901A



0090FF

# Rectangle

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



D207C4



F70042



00901A



0095AD



# Sweetspot

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



D207C4



FFB5FA



1507D2



80537C



000000



808080



# Same Dimension

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



D207C4



FF00ED



D2075F



695E68



A8009D



290026



# Inverse Universe

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



D207C4



FF00ED



07D27A



695E68



A8009D



290026



# Previews

## White Background



This preview shows how the Hex color D207C4 looks on a white background.

## Color Contrast Check

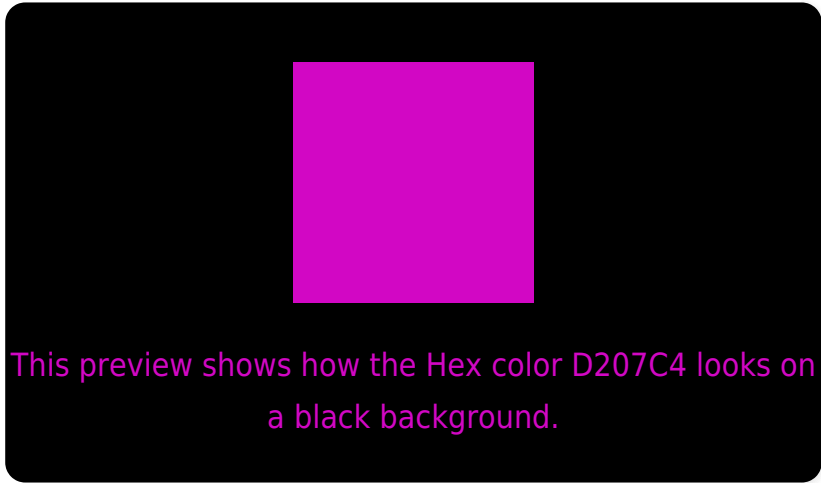
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

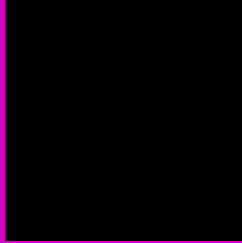
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D207C4 Background



This preview shows how black text looks on a background with the Hex color D207C4.




This preview shows how white text looks on a background with the Hex color D207C4.

# 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**  
C74D52

# Trichromacy



**Original Color**  
D207C4



**Protanomaly**  
4C4BE1



**Deuteranomaly**  
824EBC



**Tritanomaly**  
CB347B

# Monochromacy



**Original Color**  
D207C4



**Achromatopsia**  
595959



**Achromatomaly**  
853B80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D207C4 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 #D207C4 looks like.

```
.text, #text, p{  
    color:#D207C4  
}
```

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 #D207C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D207C4
}
```

## Border

The CSS property to change the border of an element to Hex D207C4 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
#D207C4 }
```

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

```
.border{ border-color:#D207C4 }
```

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

Here you see how a box with a 4 pixel #D207C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D207C4; -webkit-box-shadow:4px 4px  
4px 4px #D207C4; box-shadow:4px 4px 4px  
4px #D207C4 }
```

# Background

The CSS property to change the background color of an element to Hex D207C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D207C4 }
```

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

```
.background{ background-color:#D207C4 }
```

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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