

# Converting Colors

Hex(CD7CC4)

Have a look what the booklet for  
Hex(CD7CC4) contains.

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# **Color**

**Hex(CD7CC4)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CD7CC4                     |
| RGB         | 205, 124, 196              |
| RGB Percent | 80%, 49%, 77%              |
| CMY         | 0.1961, 0.5137, 0.2314     |
| CMYK        | 0.00, 0.40, 0.04, 0.20     |
| HSL         | 307°, 45%, 65%             |
| HSV         | 307°, 40%, 80%             |
| XYZ         | 42.3483, 31.3800, 56.0495  |
| YIQ         | 156.4270, 25.1640, 39.5640 |

# Conversions

## Conversions Part 2

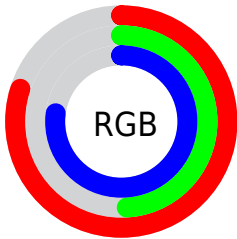
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 205, 124, 196                 |
| Decimal                             | 13466820                      |
| CIE <sub>Lab</sub>                  | 62.83, 42.12, -24.38          |
| CIE <sub>LCh</sub>                  | 63, 48.663, 329.935           |
| Yxy                                 | 31.3800, 0.3263,<br>0.2418    |
| Android<br>(android.graphics.Color) | 4291656900<br>(0xFFCD7CC4)    |
| YUV                                 | 156.4270, 19.5095,<br>42.5985 |
| Hunter-Lab                          | 56.0178, 36.9111,<br>-20.1110 |

# Details

The Hex color **CD7CC4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7CCD85**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB2FD**, and **95488E** is the 20% darker color. If you saturate the color by 10%, you get **CD68C2**, and if you desaturate by 10%, it is **CD91C6**.

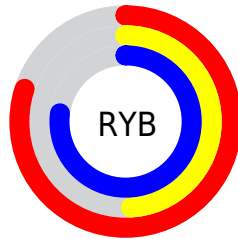
# Distribution



Red (80%)

Green (49%)

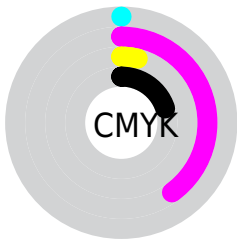
Blue (77%)



Red (80%)

Yellow (49%)

Blue (77%)

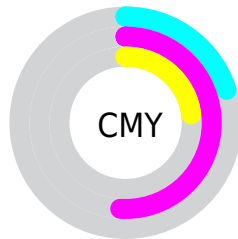


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD7CC4 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 CD7CC4 by changing the saturation by 10% instead.



CD7CC4

CD7CC4

FFFFFF

B162A9

FFB2FD

95488E

FFCEFF

7A2F74

FFEBFF

60145B

470044

2F002D

0F0018

000000

CD7CC4

CD7CC4

 CD68C2

 CD91C6

 CD53BF

 CDA5C9

 CD3EBD

 CDBACB

 CD2ABB

 CDCECD

 CD15B9

 CDE3CF

 CD01B6

 CDF7D2

 CD00B6

 CDFFD4

 CDFFD6

 CDFFD8

# Harmonies

## Analogous

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



9A8DE3



CD7CC4



E6739A

# Triad

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



CD7CC4



B1963E



00ADC2

# Complementary

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



CD7CC4



7CCD85

# 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.



00AE96



CD7CC4



85A24A

# Square

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



CD7CC4



D3864D



4DAA6B



00A8E2

# Rectangle

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



CD7CC4



E9747D



4DAA6B



00AEB4



# Sweetspot

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



CD7CC4



FFE0FC



847CCD



806E7E



000000



808080



# Same Dimension

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



CD7CC4



FF87F2



CD7C9C



665C65



A60093



260022



# Inverse Universe

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



CD7CC4



FF87F2



7CCDAD



665C65



A60093



260022



# Previews

## White Background



This preview shows how the Hex color CD7CC4 looks on a white background.

## Color Contrast Check

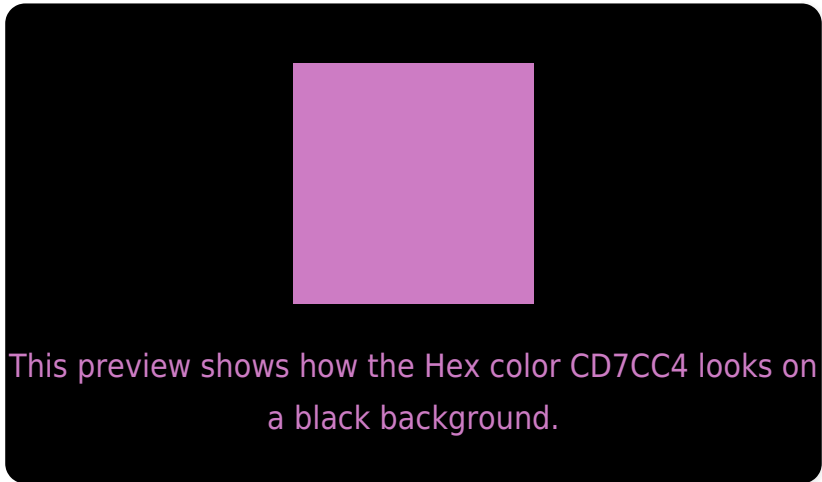
Large Text (above 18pt) WCAG AA × Fail

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

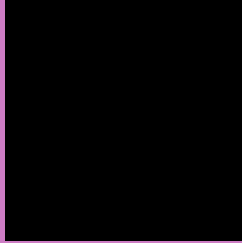
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CD7CC4 Background



This preview shows how black text looks on a background with the Hex color CD7CC4.

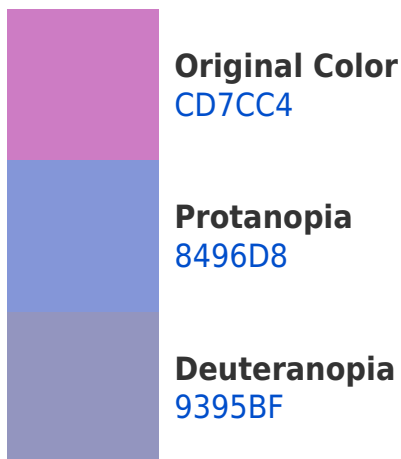


This preview shows how white text looks on a background with the Hex color CD7CC4.

# 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**  
C78791

# Trichromacy



**Original Color**  
CD7CC4



**Protanomaly**  
9F8DD1



**Deuteranomaly**  
A88CC1



**Tritanomaly**  
C983A4

# Monochromacy



**Original Color**  
CD7CC4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
AE90AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD7CC4 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 #CD7CC4 looks like.

```
.text, #text, p{  
    color:#CD7CC4  
}
```

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 #CD7CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7CC4
}
```

## Border

The CSS property to change the border of an element to Hex CD7CC4 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
#CD7CC4 }
```

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

```
.border{ border-color:#CD7CC4 }
```

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

Here you see how a box with a 4 pixel #CD7CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7CC4; -webkit-box-shadow:4px 4px  
4px 4px #CD7CC4; box-shadow:4px 4px 4px  
4px #CD7CC4 }
```

# Background

The CSS property to change the background color of an element to Hex CD7CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7CC4 }
```

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

```
.background{ background-color:#CD7CC4 }
```

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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