

Converting Colors

Hex(CD7CC8)

Have a look what the booklet for
Hex(CD7CC8) contains.

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Color

Hex(CD7CC8)

Conversions

Conversions Part 1

Format	Color
Hex	CD7CC8
RGB	205, 124, 200
RGB Percent	80%, 49%, 78%
CMY	0.1961, 0.5137, 0.2157
CMYK	0.00, 0.40, 0.02, 0.20
HSL	304°, 45%, 65%
HSV	304°, 40%, 80%
XYZ	42.8098, 31.5646, 58.4798
YIQ	156.8830, 23.8800, 40.8080

Conversions

Conversions Part 2

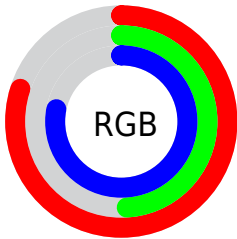
Format	Color
R_{YB}	205, 124, 200
Decimal	13466824
CIE _{Lab}	62.98, 42.83, -26.40
CIE _{LCh}	63, 50.314, 328.355
Yxy	31.5646, 0.3222, 0.2376
Android (android.graphics.Color)	4291656904 (0xFFCD7CC8)
YUV	156.8830, 21.2567, 42.1986
Hunter-Lab	56.1824, 37.6943, -22.3869

Details

The Hex color **CD7CC8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CCD81**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB2FF**, and **954892** is the 20% darker color. If you saturate the color by 10%, you get **CD68C7**, and if you desaturate by 10%, it is **CD91C9**.

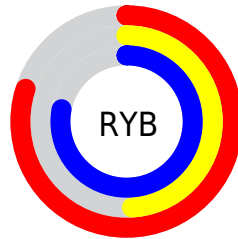
Distribution



Red (80%)

Green (49%)

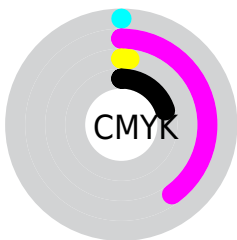
Blue (78%)



Red (80%)

Yellow (49%)

Blue (78%)

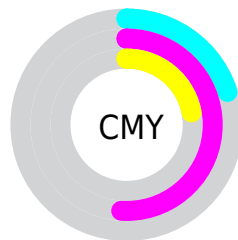


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD7CC8 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 CD7CC8 by changing the saturation by 10% instead.

 CD7CC8

 CD7CC8

FFFFFF

 B162AD

 FF2FF

 954892

 FFCEFF

 7A2F78

 FFE8FF

 60135F

 470047

 2F0030

 0F001B

 000000

 CD7CC8

 CD7CC8

 CD68C7

 CD91C9

 CD53C5

 CDA5CB

 CD3EC4

 CDBACC

 CD2AC3

 CDCECD

 CD15C2

 CDE3CE

 CD01C0

 CDF7D0

 CD00C0

 CDFFD1

 CDFFD2

 CDFFD3

Harmonies

Analogous

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



978EE7



CD7CC8



E8729D

Triad

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



CD7CC8



B4953B



00AEC2

Complementary

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



CD7CC8



7CCD81

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.



00AE94



CD7CC8



87A246

Square

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



CD7CC8



D6854D



4DAB68



00A9E4

Rectangle

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



CD7CC8



EC737F



4DAB68



00AFB3

Sweetspot

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



CD7CC8



FFE0FD



807CCD



806E7E



000000



808080

Same Dimension

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



CD7CC8



FF87F8



CD7CA0



665C65



A6009C



260024

Inverse Universe

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



CD7CC8



FF87F8



7CCDA9



665C65



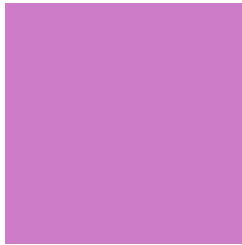
A6009C



260024

Previews

White Background



This preview shows how the Hex color CD7CC8 looks on a white background.

Color Contrast Check

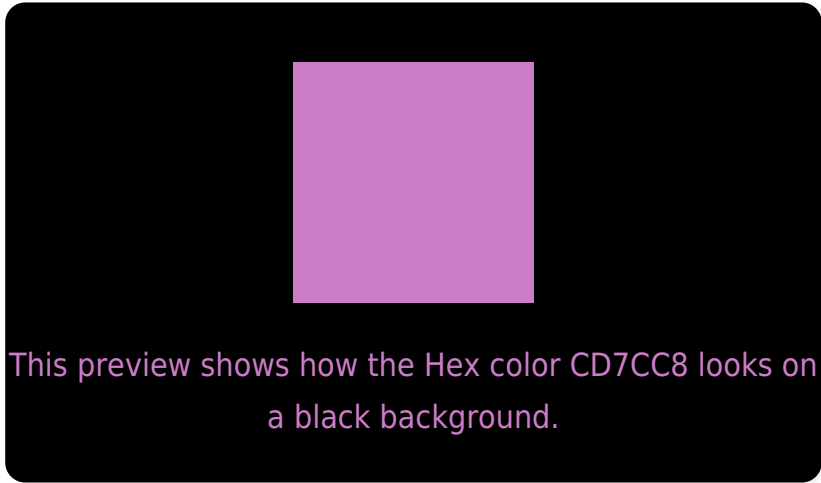
Large Text (above 18pt) WCAG AA × Fail

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

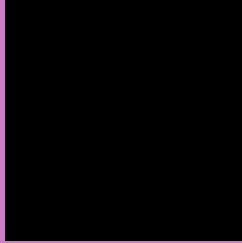
Any Text WCAG AA ✓ Pass

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 CD7CC8 Background



This preview shows how black text looks on a background with the Hex color CD7CC8.

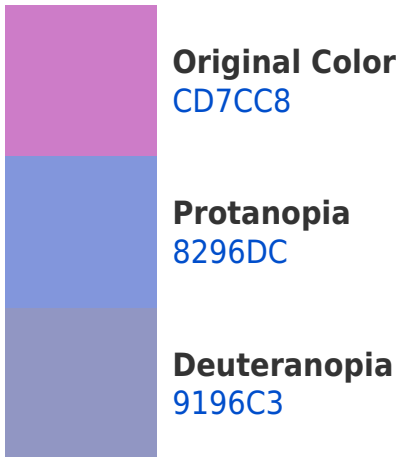


This preview shows how white text looks on a background with the Hex color CD7CC8.

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
C68792

Trichromacy



Original Color
CD7CC8



Protanomaly
9D8DD5



Deuteranomaly
A78DC5

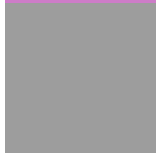


Tritanomaly
C983A6

Monochromacy



Original Color
CD7CC8



Achromatopsia
9D9D9D



Achromatomaly
AE91AD

CSS Examples

Text

The CSS property to change the color of the text to Hex CD7CC8 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 #CD7CC8 looks like.

```
.text, #text, p{  
    color:#CD7CC8  
}
```

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 #CD7CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7CC8
}
```

Border

The CSS property to change the border of an element to Hex CD7CC8 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
#CD7CC8 }
```

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

```
.border{ border-color:#CD7CC8 }
```

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

Here you see how a box with a 4 pixel #CD7CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7CC8; -webkit-box-shadow:4px 4px  
4px 4px #CD7CC8; box-shadow:4px 4px 4px  
4px #CD7CC8 }
```

Background

The CSS property to change the background color of an element to Hex CD7CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7CC8 }
```

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

```
.background{ background-color:#CD7CC8 }
```

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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