

# Converting Colors

Hex(CD7CB0)

Have a look what the booklet for  
Hex(CD7CB0) contains.

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# **Color**

**Hex(CD7CB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD7CB0
RGB	205, 124, 176
RGB Percent	80%, 49%, 69%
CMY	0.1961, 0.5137, 0.3098
CMYK	0.00, 0.40, 0.14, 0.20
HSL	321°, 45%, 65%
HSV	321°, 40%, 80%
XYZ	40.2210, 30.5290, 44.8471
YIQ	154.1470, 31.5840, 33.3440

# Conversions

## Conversions Part 2

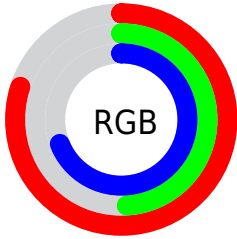
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 124, 176
Decimal	13466800
CIE <sub>Lab</sub>	62.11, 38.71, -14.14
CIE <sub>LCh</sub>	62, 41.211, 339.937
Yxy	30.5290, 0.3479, 0.2641
Android (android.graphics.Color)	4291656880 (0xFFCD7CB0)
YUV	154.1470, 10.7735, 44.5981
Hunter-Lab	55.2531, 33.2445, -9.4466

# Details

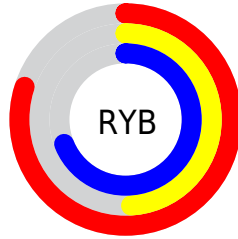
The Hex color **CD7CB0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7CCD99**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB2E8**, and **95497B** is the 20% darker color. If you saturate the color by 10%, you get **CD68A9**, and if you desaturate by 10%, it is **CD91B7**.

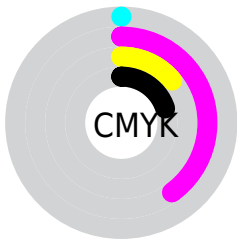
# Distribution



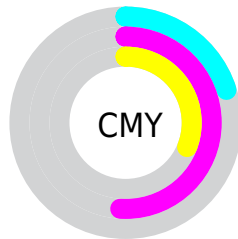
- Red (80%)
- Green (49%)
- Blue (69%)



- Red (80%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD7CB0 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 CD7CB0 by changing the saturation by 10% instead.



 CD7CB0

 CD7CB0

FFFFFF

 B16295

 FFB2E8

 95497B

 FFCEFF

 7A3062

 FFE8FF

 60164B

 470034

 30001F

 0C0002

 000000

 CD7CB0

 CD7CB0

CD68A9

CD91B7

CD53A1

CDA5BF

CD3E9A

CDBAC6

CD2A93

CDCECD

CD158B

CDE3D5

CD0184

CDF7DC

CD0084

CDFFE3

CDFFEB

CDFFF2

# Harmonies

## Analogous

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



A988CE



CD7CB0



DC788B

# Triad

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



CD7CB0



A1984C



00A7C4

# Complementary

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



CD7CB0



7CCD99

# 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.



00A9A1



CD7CB0



79A25C

# Square

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



CD7CB0



C18B51



47A77C



0CA1DA

# Rectangle

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



CD7CB0



DA7C74



47A77C



00A8B9



# Sweetspot

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



CD7CB0



FFE0F4



987CCD



806E79



000000



808080



# Same Dimension

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



CD7CB0



FF87D4



CD7C88



665C62



A6006A



260019



# Inverse Universe

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



CD7CB0



FF87D4



7CCDC1



665C62



A6006A

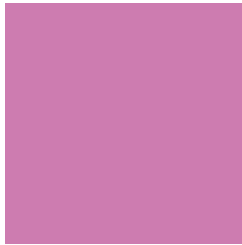


260019



# Previews

## White Background



This preview shows how the Hex color CD7CB0 looks on a white background.

## Color Contrast Check

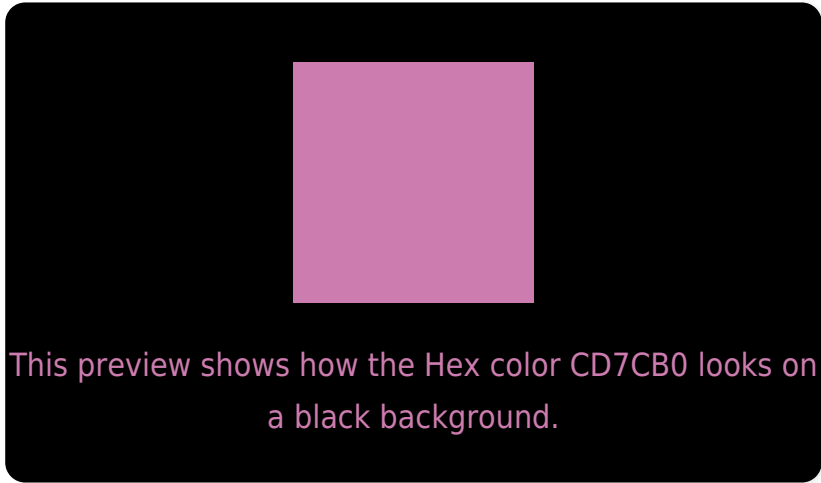
Large Text (above 18pt) WCAG AA × Fail

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 CD7CB0 Background



This preview shows how black text looks on a background with the Hex color CD7CB0.

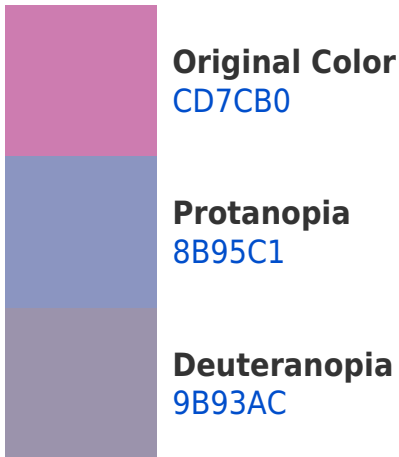



This preview shows how white text looks on a background with the Hex color CD7CB0.

# 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**  
C9838D

# Trichromacy



**Original Color**  
CD7CB0



**Protanomaly**  
A38CBB



**Deuteranomaly**  
AD8BAD

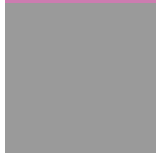


**Tritanomaly**  
CA809A

# Monochromacy



**Original Color**  
CD7CB0



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
AD8FA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD7CB0 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 #CD7CB0 looks like.

```
.text, #text, p{  
    color:#CD7CB0  
}
```

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 #CD7CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7CB0
}
```

## Border

The CSS property to change the border of an element to Hex CD7CB0 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
#CD7CB0 }
```

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

```
.border{ border-color:#CD7CB0 }
```

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

Here you see how a box with a 4 pixel #CD7CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7CB0; -webkit-box-shadow:4px 4px  
4px 4px #CD7CB0; box-shadow:4px 4px 4px  
4px #CD7CB0 }
```

# Background

The CSS property to change the background color of an element to Hex CD7CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7CB0 }
```

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

```
.background{ background-color:#CD7CB0 }
```

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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