

Converting Colors

Hex(DD7CCB)

Have a look what the booklet for
Hex(DD7CCB) contains.

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Color

Hex(DD7CCB)

Conversions

Conversions Part 1

Format	Color
Hex	DD7CCB
RGB	221, 124, 203
RGB Percent	87%, 49%, 80%
CMY	0.1333, 0.5137, 0.2039
CMYK	0.00, 0.44, 0.08, 0.13
HSL	311°, 59%, 68%
HSV	311°, 44%, 87%
XYZ	47.8059, 34.0993, 60.5621
YIQ	162.0090, 32.4530, 45.1330

Conversions

Conversions Part 2

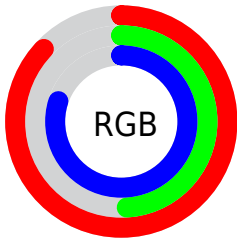
Format	Color
R_{YB}	221, 124, 203
Decimal	14515403
CIE _{Lab}	65.04, 48.32, -24.75
CIE _{LCh}	65, 54.290, 332.875
Yxy	34.0993, 0.3356, 0.2393
Android (android.graphics.Color)	4292705483 (0xFFDD7CCB)
YUV	162.0090, 20.2086, 51.7351
Hunter-Lab	58.3946, 43.9423, -20.6146

Details

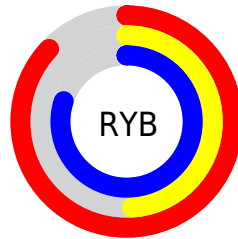
The Hex color **DD7CCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CDD8E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB3FF**, and **A44795** is the 20% darker color. If you saturate the color by 10%, you get **DD66C7**, and if you desaturate by 10%, it is **DD92CF**.

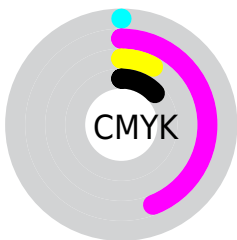
Distribution



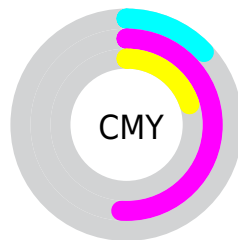
- Red (87%)
- Green (49%)
- Blue (80%)



- Red (87%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (44%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD7CCB 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 DD7CCB by changing the saturation by 10% instead.

 DD7CCB

 DD7CCB

FFFFFF

 C061AF

 FFB3FF

 A44795

 FFCFFF

 882C7B

 FFECFF

 6D0C62

 53004A

 3A0033

 22001D

 000000

 DD7CCB

 DD7CCB

 DD66C7

 DD92CF

 DD50C3

 DDA8D3

 DD3ABF

 DDBED7

 DD24BB

 DDD4DB

 DD0EB6

 DDEBE0

 DD00B4

 DDFFE4

 DDFFE8

 DDFFEC

 DDDFF0

Harmonies

Analogous

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



A68FF0



DD7CCB



F6739B

Triad

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



DD7CCB



B59D37



00B5D1

Complementary

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



DD7CCB



7CDD8E

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.



00B6A1



DD7CCB



83AA48

Square

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



DD7CCB



DC8B47



3CB270



00AEF4

Rectangle

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



DD7CCB



F7767B



3CB270



00B6C2

Sweetspot

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



DD7CCB



FFDEF9



8E7CDD



806B7C



000000



808080

Same Dimension

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



DD7CCB



FF78E6



DD7C9B



6E636C



AD008D



2E0025

Inverse Universe

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



DD7CCB



FF78E6



7CDDBE



6E636C



AD008D



2E0025

Previews

White Background



This preview shows how the Hex color DD7CCB looks on a white background.

Color Contrast Check

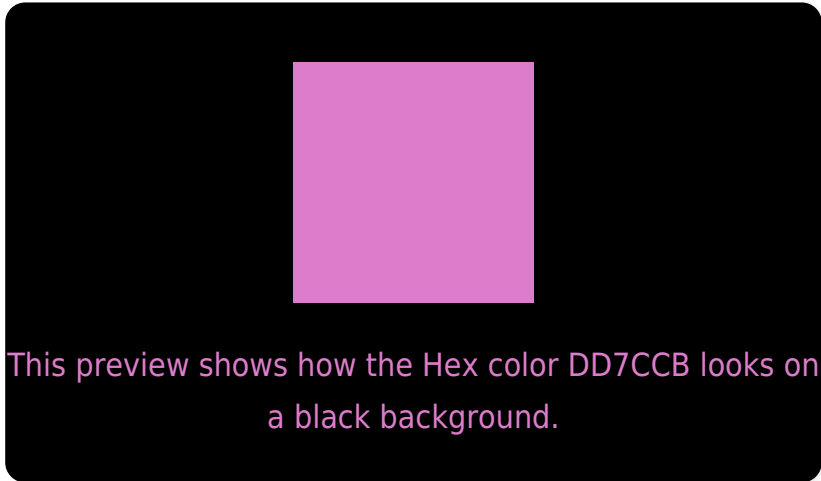
Large Text (above 18pt) WCAG AA × Fail

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 DD7CCB Background



This preview shows how black text looks on a background with the Hex color DD7CCB.

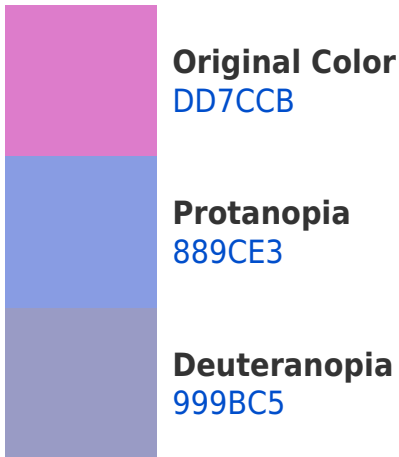



This preview shows how white text looks on a background with the Hex color DD7CCB.

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
D68892

Trichromacy



Original Color
DD7CCB



Protanomaly
A790DA



Deuteranomaly
B290C7

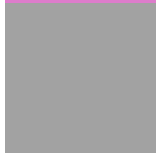


Tritanomaly
D984A7

Monochromacy



Original Color
DD7CCB



Achromatopsia
A2A2A2



Achromatomaly
B794B1

CSS Examples

Text

The CSS property to change the color of the text to Hex DD7CCB 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 #DD7CCB looks like.

```
.text, #text, p{  
    color:#DD7CCB  
}
```

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 #DD7CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD7CCB
}
```

Border

The CSS property to change the border of an element to Hex DD7CCB 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
#DD7CCB }
```

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

```
.border{ border-color:#DD7CCB }
```

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

Here you see how a box with a 4 pixel #DD7CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD7CCB; -webkit-box-shadow:4px 4px  
4px 4px #DD7CCB; box-shadow:4px 4px 4px  
4px #DD7CCB }
```

Background

The CSS property to change the background color of an element to Hex DD7CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD7CCB }
```

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

```
.background{ background-color:#DD7CCB }
```

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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