

Converting Colors

Hex(D68CB1)

Have a look what the booklet for
Hex(D68CB1) contains.

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Color

Hex(D68CB1)

Conversions

Conversions Part 1

Format	Color
Hex	D68CB1
RGB	214, 140, 177
RGB Percent	84%, 55%, 69%
CMY	0.1608, 0.4510, 0.3059
CMYK	0.00, 0.35, 0.17, 0.16
HSL	330°, 47%, 69%
HSV	330°, 35%, 84%
XYZ	45.0455, 36.2266, 46.2133
YIQ	166.3440, 32.2270, 27.1950

Conversions

Conversions Part 2

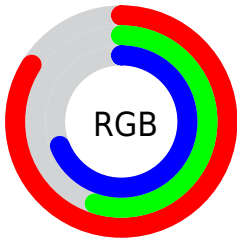
Format	Color
RYB	214, 140, 177
Decimal	14060721
CIELab	66.69, 33.39, -7.73
CIElCh	67, 34.278, 346.969
Yxy	36.2266, 0.3533, 0.2842
Android (android.graphics.Color)	4292250801 (0xFFD68CB1)
YUV	166.3440, 5.2534, 41.7943
Hunter-Lab	60.1886, 28.2604, -3.3913

Details

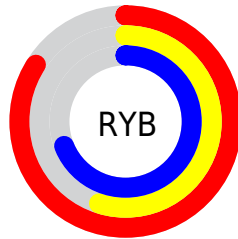
The Hex color **D68CB1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CD6B1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC2E9**, and **9E587C** is the 20% darker color. If you saturate the color by 10%, you get **D677A6**, and if you desaturate by 10%, it is **D6A1BC**.

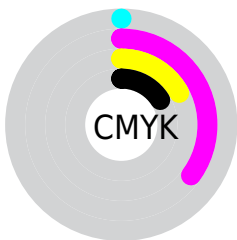
Distribution



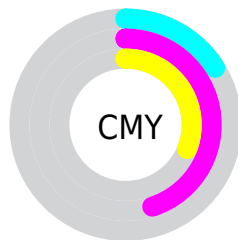
- Red (84%)
- Green (55%)
- Blue (69%)



- Red (84%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D68CB1 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 D68CB1 by changing the saturation by 10% instead.

 D68CB1

 D68CB1

FFFFFF

 BA7296

 FFC2E9

 9E587C

 FFDFFF

 834064

 FFFCFF

 69284C

 4F0E35

 360020

 200006

 000000

 D68CB1

 D68CB1

 D677A6

 D6A1BC

 D6619C

 D6B7C6

 D64C91

 D6CCD1

 D63686

 D6E2DC

 D6217C

 D6F7E7

 D60C71

 D6FFF1

 D6006B

 D6FFFC

 D6FFFF

Harmonies

Analogous

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



BC94CD



D68CB1



DF8B92

Triad

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



D68CB1



A5A666



33B0CE

Complementary

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



D68CB1



8CD6B1

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.



36B3B3



D68CB1



82AE77

Square

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



D68CB1



C39C66



5CB293



60A9DE

Rectangle

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



D68CB1



DC8F7F



5CB293



2DB1C6

Sweetspot

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



D68CB1



FFE6F2



B18CD6



807078



000000



808080

Same Dimension

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



D68CB1



FF96CB



D68C8C



6B6066



AB0055



2B0016

Inverse Universe

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



D68CB1



FF96CB



8CD6D6



6B6066



AB0055



2B0016

Previews

White Background



This preview shows how the Hex color D68CB1 looks on a white background.

Color Contrast Check

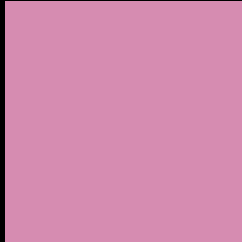
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D68CB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

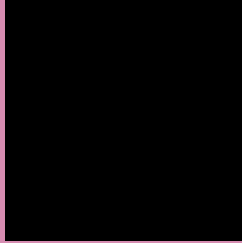
Any Text WCAG AA ✓ Pass

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 D68CB1 Background



This preview shows how black text looks on a background with the Hex color D68CB1.

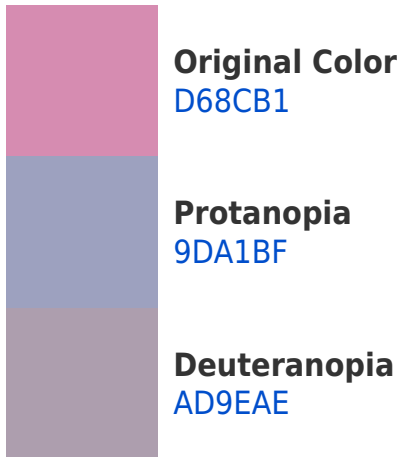


This preview shows how white text looks on a background with the Hex color D68CB1.

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
D4909B

Trichromacy



Original Color
D68CB1



Protanomaly
B299BA



Deuteranomaly
BC97AF

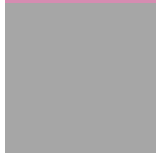


Tritanomaly
D58FA3

Monochromacy



Original Color
D68CB1



Achromatopsia
A6A6A6



Achromatomaly
B79DAA

CSS Examples

Text

The CSS property to change the color of the text to Hex D68CB1 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 #D68CB1 looks like.

```
.text, #text, p{  
    color:#D68CB1  
}
```

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 #D68CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D68CB1
}
```

Border

The CSS property to change the border of an element to Hex D68CB1 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
#D68CB1 }
```

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

```
.border{ border-color:#D68CB1 }
```

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

Here you see how a box with a 4 pixel #D68CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D68CB1; -webkit-box-shadow:4px 4px  
4px 4px #D68CB1; box-shadow:4px 4px 4px  
4px #D68CB1 }
```

Background

The CSS property to change the background color of an element to Hex D68CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D68CB1 }
```

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

```
.background{ background-color:#D68CB1 }
```

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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