

# Converting Colors

Hex(CD68AB)

Have a look what the booklet for  
Hex(CD68AB) contains.

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# **Color**

**Hex(CD68AB)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | CD68AB                     |
| RGB         | 205, 104, 171              |
| RGB Percent | 80%, 41%, 67%              |
| CMY         | 0.1961, 0.5922, 0.3294     |
| CMYK        | 0.00, 0.49, 0.17, 0.20     |
| HSL         | 320°, 50%, 61%             |
| HSV         | 320°, 49%, 80%             |
| XYZ         | 37.4778, 25.8200, 41.5365  |
| YIQ         | 141.8370, 38.6890, 42.2490 |

# Conversions

## Conversions Part 2

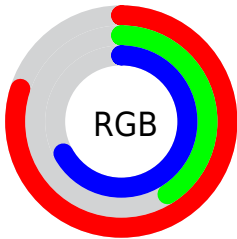
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">205, 104, 171</a>                  |
| Decimal                             | <a href="#">13461675</a>                       |
| CIELab                              | <a href="#">57.87, 48.26, -17.70</a>           |
| CIELCh                              | <a href="#">58, 51.402, 339.863</a>            |
| Yxy                                 | <a href="#">25.8200, 0.3575,<br/>0.2463</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291651755<br/>(0xFFCD68AB)</a>    |
| YUV                                 | <a href="#">141.8370, 14.3774,<br/>55.3940</a> |
| Hunter-Lab                          | <a href="#">50.8134, 42.7306,<br/>-12.8962</a> |

# Details

The Hex color **CD68AB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68CD8A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9EE2**, and **943377** is the 20% darker color. If you saturate the color by 10%, you get **CD53A4**, and if you desaturate by 10%, it is **CD7CB2**.

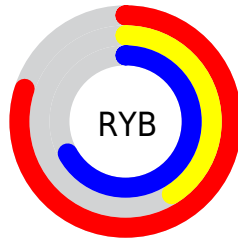
# Distribution



Red (80%)

Green (41%)

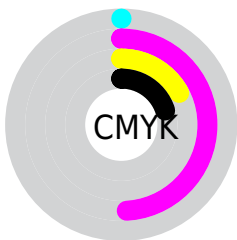
Blue (67%)



Red (80%)

Yellow (41%)

Blue (67%)

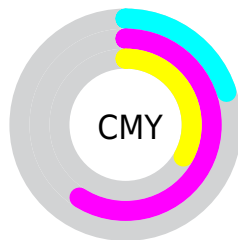


Cyan (0%)

Magenta (49%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (59%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD68AB 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 CD68AB by changing the saturation by 10% instead.



 CD68AB

 CD68AB

FFFFFF

 B04E90

 FF9EE2

 943377

 FFBAFF

 79155E

 FFD6FF

 5E0046

 FFF3FF

 440030

 2D001B

 000000

 CD68AB

 CD68AB

 CD53A4

 CD7CB2

CD3F9D

CD91B9

CD2A96

CDA6C0

CD168F

CDBAC7

CD0188

CDCFCE

CD0088

CDE3D4

CDF8DB

CDFFE2

CDFFE9

# Harmonies

## Analogous

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



A179D0



CD68AB



DE637E

# Triad

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



CD68AB



968D2C



009FC4

# Complementary

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



CD68AB



68CD8A

# 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.



00A199



CD68AB



659942

# Square

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



CD68AB



BC7E34



009F6A



0098DF

# Rectangle

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



CD68AB



DB6861



009F6A



00A0B7



# Sweetspot

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



CD68AB



FFD9F2



8A68CD



806978



000000



808080



# Same Dimension

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



CD68AB



FF69CC



CD6879



665C63



A6006E



260019



# Inverse Universe

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



CD68AB



FF69CC



68CDBC



665C63



A6006E



260019



# Previews

## White Background



This preview shows how the Hex color CD68AB looks on a white background.

## Color Contrast Check

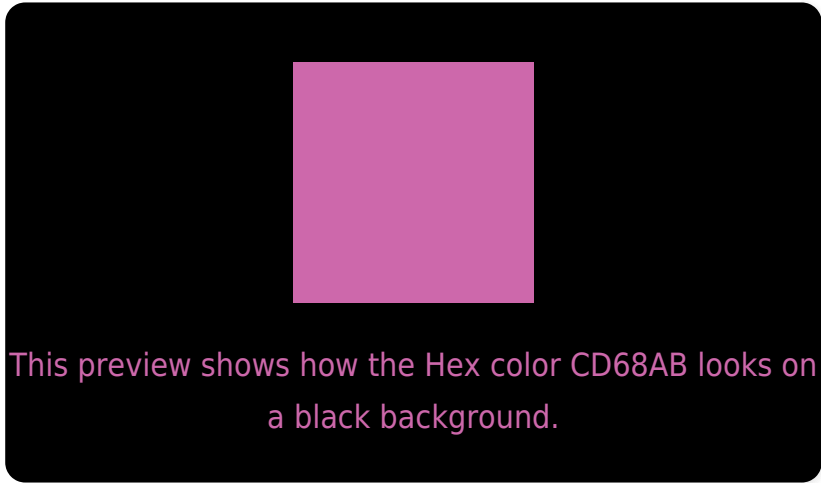
Large Text (above 18pt) WCAG AA ✓ Pass

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

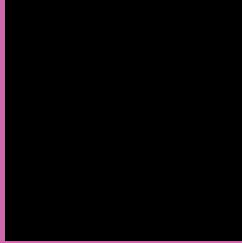
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD68AB Background



This preview shows how black text looks on a background with the Hex color CD68AB.

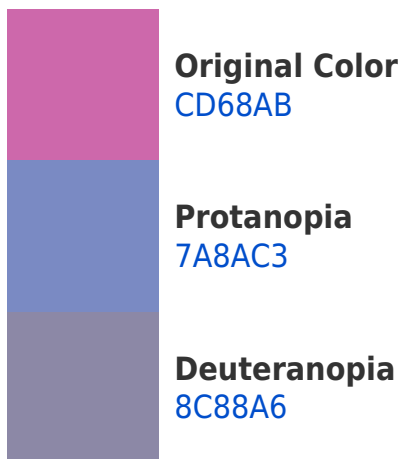


This preview shows how white text looks on a background with the Hex color CD68AB.

# 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**  
C8727B

# Trichromacy



**Original Color**  
CD68AB



**Protanomaly**  
987EBA



**Deuteranomaly**  
A47CA8

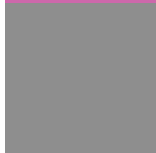


**Tritanomaly**  
CA6E8C

# Monochromacy



**Original Color**  
CD68AB



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
A58099

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD68AB 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 #CD68AB looks like.

```
.text, #text, p{  
    color:#CD68AB  
}
```

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 #CD68AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD68AB
}
```

## Border

The CSS property to change the border of an element to Hex CD68AB 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
#CD68AB }
```

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

```
.border{ border-color:#CD68AB }
```

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

Here you see how a box with a 4 pixel #CD68AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD68AB; -webkit-box-shadow:4px 4px  
4px 4px #CD68AB; box-shadow:4px 4px 4px  
4px #CD68AB }
```

# Background

The CSS property to change the background color of an element to Hex CD68AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD68AB }
```

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

```
.background{ background-color:#CD68AB }
```

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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