

# Converting Colors

Hex(CD648B)

Have a look what the booklet for  
Hex(CD648B) contains.

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**Color**

**Hex(CD648B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CD648B                     |
| RGB           | 205, 100, 139              |
| RGB Percent   | 80%, 39%, 55%              |
| CMY           | 0.1961, 0.6078, 0.4549     |
| CMYK          | 0.00, 0.51, 0.32, 0.20     |
| HSL           | 338°, 51%, 60%             |
| HSV           | 338°, 51%, 80%             |
| XYZ           | 34.3942, 23.9576, 27.2376  |
| YIQ           | 135.8410, 50.0610, 34.3890 |

# Conversions

## Conversions Part 2

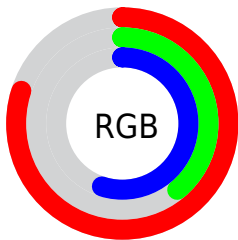
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 205, 100, 139                |
| Decimal                             | 13460619                     |
| CIE <sub>Lab</sub>                  | 56.05, 45.76, -1.80          |
| CIE <sub>LCh</sub>                  | 56, 45.798, 357.745          |
| Yxy                                 | 23.9576, 0.4019,<br>0.2799   |
| Android<br>(android.graphics.Color) | 4291650699<br>(0xFFCD648B)   |
| YUV                                 | 135.8410, 1.5574,<br>60.6524 |
| Hunter-Lab                          | 48.9465, 39.7739,<br>1.2690  |

# Details

The Hex color **CD648B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64CDA6**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9AC0**, and **942F59** is the 20% darker color. If you saturate the color by 10%, you get **CD507E**, and if you desaturate by 10%, it is **CD7998**.

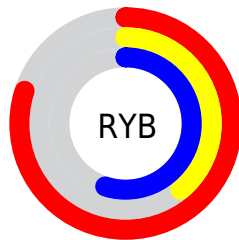
# Distribution



Red (80%)

Green (39%)

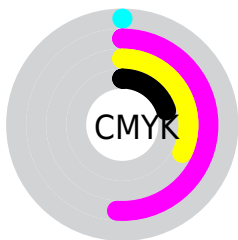
Blue (55%)



Red (80%)

Yellow (39%)

Blue (55%)

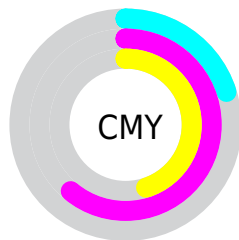


Cyan (0%)

Magenta (51%)

Yellow (32%)

Black (20%)



Cyan (20%)

Magenta (61%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD648B 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 CD648B by changing the saturation by 10% instead.



 CD648B

 CD648B

FFFFFF

 B04A72

 FF9AC0

 942F59

 FFB6DC

 781142

 FFD2F9

 5C002C

 FFEFFF

 420018

 2A0001

 000000

 CD648B

 CD648B

 CD507E

 CD7998

CD3B71

CD8DA5

CD2764

CDA2B2

CD1257

CDB6BF

CD004C

CDCBCB

CDDFD8

CDF3E5

CDFFF2

CDFFFF

# Harmonies

## Analogous

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



B46DB1



CD648B



CF6764

# Triad

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



CD648B



788F3C



0095C9

# Complementary

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



CD648B



64CDA6

# 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.



009AAA



CD648B



45965A

# Square

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



CD648B



A08333



009A82



2A8CD6

# Rectangle

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



CD648B



C6704D



009A82



0097C0



# Sweetspot

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



CD648B



FFD9E7



A564CD



806971



000000



808080



# Same Dimension

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



CD648B



FF639D



CD7064



665C60



A6003E



26000E



# Inverse Universe

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



CD648B



FF639D



64C1CD



665C60



A6003E



26000E



# Previews

## White Background



This preview shows how the Hex color CD648B looks on a white background.

## Color Contrast Check

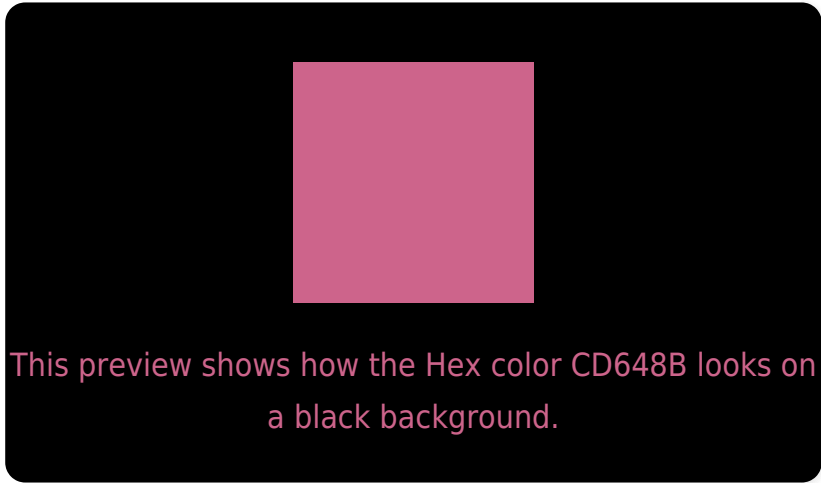
Large Text (above 18pt) WCAG AA ✓ Pass

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

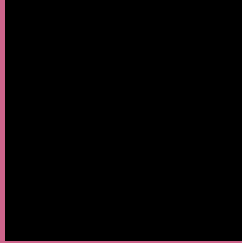
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD648B Background



This preview shows how black text looks on a background with the Hex color CD648B.



This preview shows how white text looks on a background with the Hex color CD648B.

# 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**  
CB6971

# Trichromacy



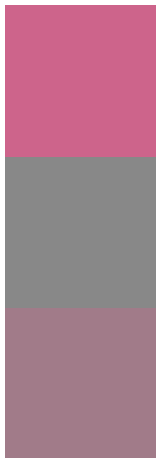
**Original Color**  
CD648B

**Protanomaly**  
9D7A98

**Deuteranomaly**  
A97788

**Tritanomaly**  
CC677A

# Monochromacy



**Original Color**  
CD648B

**Achromatopsia**  
888888

**Achromatomaly**  
A17B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD648B 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 #CD648B looks like.

```
.text, #text, p{  
    color:#CD648B  
}
```

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 #CD648B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD648B
}
```

## Border

The CSS property to change the border of an element to Hex CD648B 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
#CD648B }
```

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

```
.border{ border-color:#CD648B }
```

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

Here you see how a box with a 4 pixel #CD648B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD648B; -webkit-box-shadow:4px 4px  
4px 4px #CD648B; box-shadow:4px 4px 4px  
4px #CD648B }
```

# Background

The CSS property to change the background color of an element to Hex CD648B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD648B }
```

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

```
.background{ background-color:#CD648B }
```

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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