

# Converting Colors

Hex(CB008D)

Have a look what the booklet for  
Hex(CB008D) contains.

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**Color**

**Hex(CB008D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB008D
RGB	203, 0, 141
RGB Percent	80%, 0%, 55%
CMY	0.2039, 1.0000, 0.4471
CMYK	0.00, 1.00, 0.31, 0.20
HSL	318°, 100%, 40%
HSV	318°, 100%, 80%
XYZ	29.4363, 14.6196, 26.4697
YIQ	76.7710, 75.7270, 86.8870

# Conversions

## Conversions Part 2

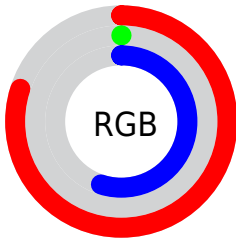
Format	Color
<b>RYB</b>	203, 0, 141
Decimal	13303949
CIELab	45.11, 74.89, -19.46
CIElCh	45, 77.375, 345.432
Yxy	14.6196, 0.4174, 0.2073
Android (android.graphics.Color)	4291494029 (0xFFFCB008D)
YUV	76.7710, 31.6649, 110.7028
Hunter-Lab	38.2356, 70.5090, -14.2803

# Details

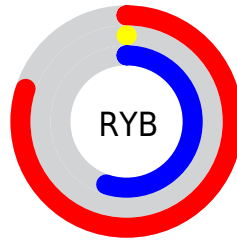
The Hex color **CB008D** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CB3E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF59C3**, and **8F005B** is the 20% darker color. If you saturate the color by 10%, you get **CB008D**, and if you desaturate by 10%, it is **CB1493**.

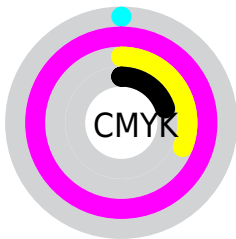
# Distribution



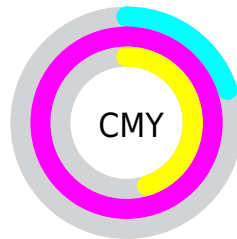
- Red (80%)
- Green (0%)
- Blue (55%)



- Red (80%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB008D 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 CB008D by changing the saturation by 10% instead.



 CB008D

 CB008D

FFFFFF

 AD0073

 FF59C3

 8F005B

 FF78DF

 720043

 FF95FB

 55002D

 FFB3FF

 3A0018

 FFD1FF

 170000

 FFEFFF

 000000

 CB008D

 CB1493

 CB2999

 CB3DA0

 CB51A6

 CB66AC

 CB7AB2

 CB8EB8

 CBA2BF

 CBB7C5

# Harmonies

## Analogous

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



9445C7



CB008D



D8004D

# Triad

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



CB008D



647200



0084C7

# Complementary

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



CB008D



00CB3E

# 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.



00858C



CB008D



007E00

# Square

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



CB008D



9C5C00



008348



007CE9

# Rectangle

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



CB008D



CE2623



008348



0085B5



# Sweetspot

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



CB008D



FFB3E8



3D00CB



805271



000000



808080



# Same Dimension

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



CB008D



FF00B1



CB0029



665C63



A60073



26001B



# Inverse Universe

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



CB008D



FF00B1



00CBA2



665C63



A60073



26001B



# Previews

## White Background



This preview shows how the Hex color CB008D looks on a white background.

## Color Contrast Check

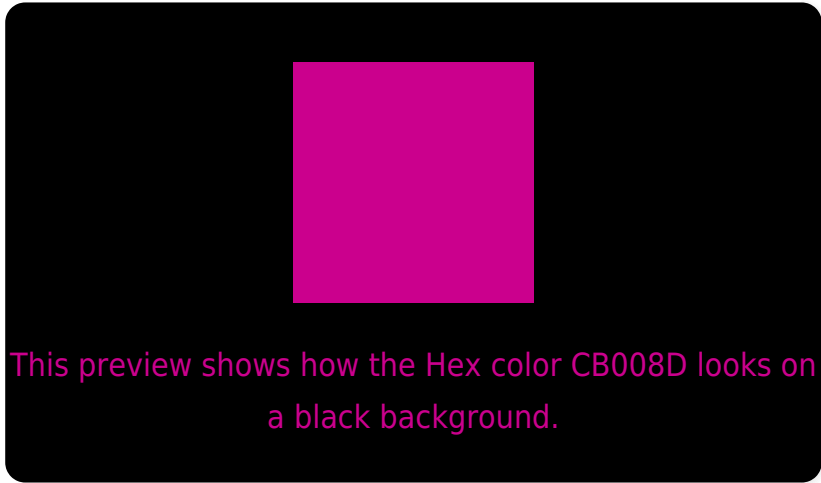
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex CB008D Background



This preview shows how black text looks on a background with the Hex color CB008D.

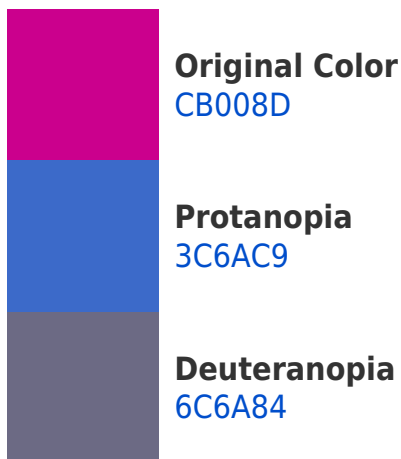



This preview shows how white text looks on a background with the Hex color CB008D.

# 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**  
C5383A

# Trichromacy



**Original Color**  
CB008D



**Protanomaly**  
7043B3



**Deuteranomaly**  
8F4387



**Tritanomaly**  
C72458

# Monochromacy



**Original Color**  
CB008D



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
7B3164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB008D 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 #CB008D looks like.

```
.text, #text, p{  
    color:#CB008D  
}
```

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 #CB008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB008D
}
```

## Border

The CSS property to change the border of an element to Hex CB008D 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
#CB008D }
```

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

```
.border{ border-color:#CB008D }
```

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

Here you see how a box with a 4 pixel #CB008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB008D; -webkit-box-shadow:4px 4px  
4px 4px #CB008D; box-shadow:4px 4px 4px  
4px #CB008D }
```

# Background

The CSS property to change the background color of an element to Hex CB008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB008D }
```

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

```
.background{ background-color:#CB008D }
```

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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