

# Converting Colors

Hex(CB4890)

Have a look what the booklet for  
Hex(CB4890) contains.

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**Color**

**Hex(CB4890)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4890
RGB	203, 72, 144
RGB Percent	80%, 28%, 56%
CMY	0.2039, 0.7176, 0.4353
CMYK	0.00, 0.65, 0.29, 0.20
HSL	327°, 56%, 54%
HSV	327°, 65%, 80%
XYZ	31.9800, 19.3449, 28.4340
YIQ	119.3770, 54.9640, 50.1640

# Conversions

## Conversions Part 2

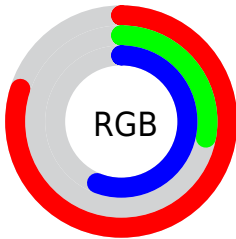
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 72, 144
Decimal	13322384
CIE <sub>Lab</sub>	51.09, 58.59, -12.17
CIE <sub>LCh</sub>	51, 59.840, 348.268
Yxy	19.3449, 0.4010, 0.2425
Android (android.graphics.Color)	4291512464 (0xFFCB4890)
YUV	119.3770, 12.1391, 73.3374
Hunter-Lab	43.9828, 52.8180, -7.5418

# Details

The Hex color **CB4890** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **48CB83**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF80C6**, and **91005E** is the 20% darker color. If you saturate the color by 10%, you get **CB3487**, and if you desaturate by 10%, it is **CB5C99**.

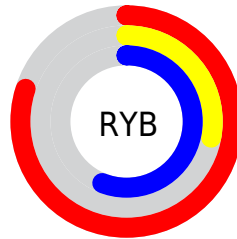
# Distribution



Red (80%)

Green (28%)

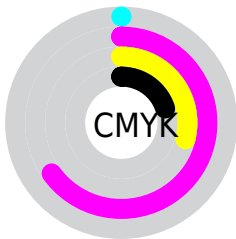
Blue (56%)



Red (80%)

Yellow (28%)

Blue (56%)

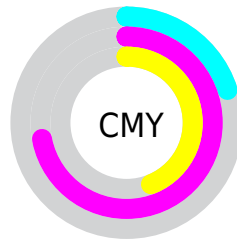


Cyan (0%)

Magenta (65%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (72%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB4890 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 CB4890 by changing the saturation by 10% instead.



 CB4890

 CB4890

FFFFFF

 AE2A76

 FF80C6

 91005E

 FF9CE2

 750046

 FFB8FF

 590030

 FFD5FF

 3F001B

 FFF3FF

 220001

 000000

 CB4890

 CB4890

 CB3487

 CB5C99

 CB1F7E

 CB71A2

 CB0B75

 CB85AB

 CB0070

 CB99B5

 CBAEBE

 CBC2C7

 CBD6D0

 CBEAD9

 CBFFE2

# Harmonies

## Analogous

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



A35DBE



CB4890



D4475D

# Triad

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



CB4890



748100



008EC5

# Complementary

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



CB4890



48CB83

# 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.



009198



CB4890



338B30

# Square

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



CB4890



A37000



009063



0085DE

# Rectangle

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



CB4890



CC533D



009063



0090B8



# Sweetspot

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



CB4890



FFCFE9



8348CB



806272



000000



808080



# Same Dimension

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



CB4890



FF3BA7



CB484F



665C61



A6005B



260015



# Inverse Universe

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



CB4890



FF3BA7



48CBC4



665C61



A6005B



260015



# Previews

## White Background



This preview shows how the Hex color CB4890 looks on a white background.

## Color Contrast Check

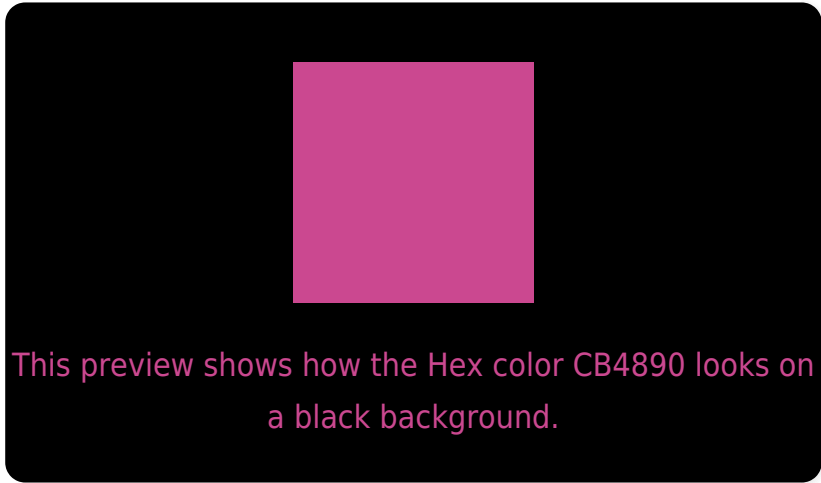
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB4890 Background



This preview shows how black text looks on a background with the Hex color CB4890.



This preview shows how white text looks on a background with the Hex color CB4890.

# 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**  
C7555B

# Trichromacy



**Original Color**  
CB4890



**Protanomaly**  
8B67A6



**Deuteranomaly**  
9B668C

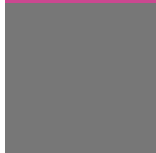


**Tritanomaly**  
C8506E

# Monochromacy



**Original Color**  
CB4890



**Achromatopsia**  
777777



**Achromatomaly**  
966680

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB4890 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 #CB4890 looks like.

```
.text, #text, p{  
    color:#CB4890  
}
```

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 #CB4890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4890
}
```

## Border

The CSS property to change the border of an element to Hex CB4890 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
#CB4890 }
```

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

```
.border{ border-color:#CB4890 }
```

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

Here you see how a box with a 4 pixel #CB4890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4890; -webkit-box-shadow:4px 4px  
4px 4px #CB4890; box-shadow:4px 4px 4px  
4px #CB4890 }
```

# Background

The CSS property to change the background color of an element to Hex CB4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4890 }
```

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

```
.background{ background-color:#CB4890 }
```

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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