

# Converting Colors

Hex(CB3495)

Have a look what the booklet for  
Hex(CB3495) contains.

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**Color**

**Hex(CB3495)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3495
RGB	203, 52, 149
RGB Percent	80%, 20%, 58%
CMY	0.2039, 0.7961, 0.4157
CMYK	0.00, 0.74, 0.27, 0.20
HSL	321°, 59%, 50%
HSV	321°, 74%, 80%
XYZ	31.2814, 17.3224, 30.1286
YIQ	108.2070, 58.8590, 62.1790

# Conversions

## Conversions Part 2

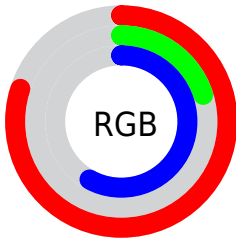
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 52, 149
Decimal	13317269
CIE <sub>Lab</sub>	48.66, 66.49, -18.84
CIE <sub>LCh</sub>	49, 69.106, 344.181
Yxy	17.3224, 0.3973, 0.2200
Android (android.graphics.Color)	4291507349 (0xFFCB3495)
YUV	108.2070, 20.1109, 83.1335
Hunter-Lab	41.6202, 61.3238, -13.7855

# Details

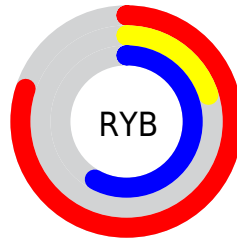
The Hex color **CB3495** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **34CB6A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF70CB**, and **900062** is the 20% darker color. If you saturate the color by 10%, you get **CB208E**, and if you desaturate by 10%, it is **CB489C**.

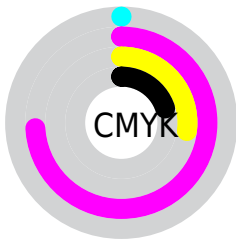
# Distribution



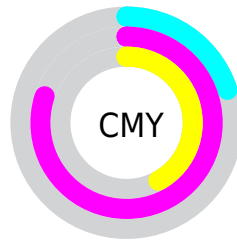
- Red (80%)
- Green (20%)
- Blue (58%)



- Red (80%)
- Yellow (20%)
- Blue (58%)



- Cyan (0%)
- Magenta (74%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3495 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 CB3495 by changing the saturation by 10% instead.



 CB3495

 CB3495

FFFFFF

 AD047B

 FF70CB

 900062

 FF8DE7

 74004A

 FFAAFF

 580033

 FFC7FF

 3E001E

 FFE4FF

 1F0001

 000000

 CB3495

 CB3495

 CB208E

 CB489C

 CB0B86

 CB5DA4

 CB0082

 CB71AB

 CB85B2

 CB9AB9

 CBAEC1

 CBC2C8

 CBD6CF

 CBEBD6

# Harmonies

## Analogous

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



9755C8



CB3495



D92C5B

# Triad

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



CB3495



737A00



008BC5

# Complementary

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



CB3495



34CB6A

# 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.



008D8F



CB3495



26850D

# Square

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



CB3495



A56500



008B51



0083E5

# Rectangle

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



CB3495



D23E35



008B51



008CB4



# Sweetspot

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



CB3495



FFC7EB



6934CB



805E74



000000



808080



# Same Dimension

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



CB3495



FF1CAE



CB344B



665C62



A6006A



260019



# Inverse Universe

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



CB3495



FF1CAE



34CBB4



665C62



A6006A



260019



# Previews

## White Background



This preview shows how the Hex color CB3495 looks on a white background.

## Color Contrast Check

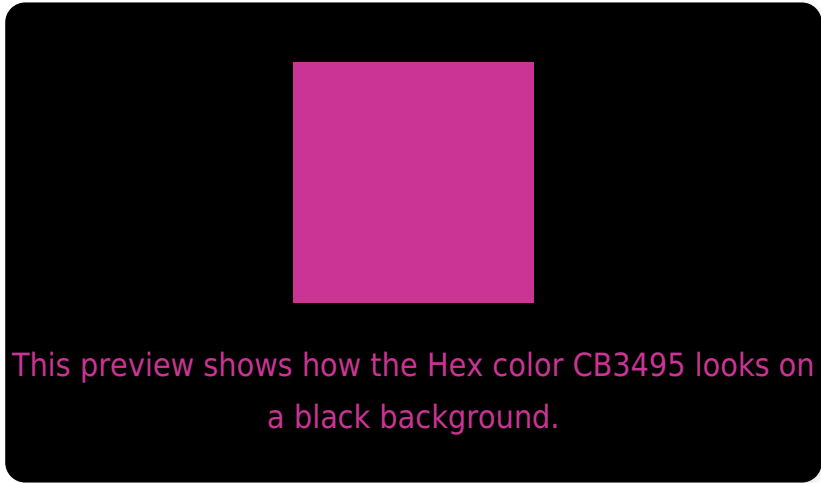
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3495 Background



This preview shows how black text looks on a background with the Hex color CB3495.

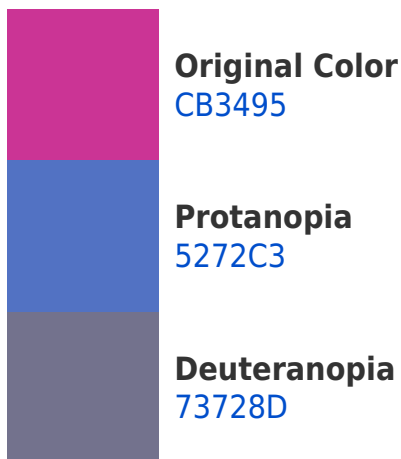


This preview shows how white text looks on a background with the Hex color CB3495.

# 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**  
C54A4E

# Trichromacy



**Original Color**  
CB3495



**Protanomaly**  
7E5BB2



**Deuteranomaly**  
935B90



**Tritanomaly**  
C74268

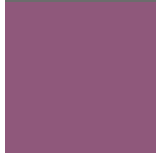
# Monochromacy



**Original Color**  
CB3495



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
8F587B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3495 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 #CB3495 looks like.

```
.text, #text, p{  
    color:#CB3495  
}
```

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 #CB3495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3495
}
```

## Border

The CSS property to change the border of an element to Hex CB3495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

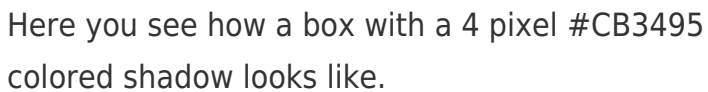
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB3495 }
```

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

```
.border{ border-color:#CB3495 }
```

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



Here you see how a box with a 4 pixel `#CB3495` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3495; -webkit-box-shadow:4px 4px  
4px 4px #CB3495; box-shadow:4px 4px 4px  
4px #CB3495 }
```

# Background

The CSS property to change the background color of an element to Hex CB3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3495 }
```

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

```
.background{ background-color:#CB3495 }
```

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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