

# Converting Colors

Hex(CB3085)

Have a look what the booklet for  
Hex(CB3085) contains.

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**Color**

**Hex(CB3085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB3085
RGB	203, 48, 133
RGB Percent	80%, 19%, 52%
CMY	0.2039, 0.8118, 0.4784
CMYK	0.00, 0.76, 0.34, 0.20
HSL	327°, 62%, 49%
HSV	327°, 76%, 80%
XYZ	29.9192, 16.5039, 23.7989
YIQ	104.0350, 65.0950, 59.2950

# Conversions

## Conversions Part 2

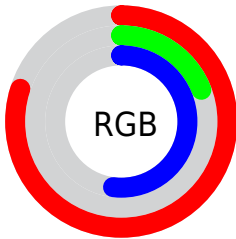
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 48, 133
Decimal	13316229
CIE <sub>Lab</sub>	47.63, 65.86, -10.77
CIE <sub>LCh</sub>	48, 66.739, 350.713
Yxy	16.5039, 0.4261, 0.2350
Android (android.graphics.Color)	4291506309 (0xFFCB3085)
YUV	104.0350, 14.2797, 86.7923
Hunter-Lab	40.6250, 60.3668, -6.2959

# Details

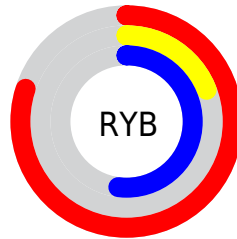
The Hex color **CB3085** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **30CB76**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6DBA**, and **900053** is the 20% darker color. If you saturate the color by 10%, you get **CB1C7C**, and if you desaturate by 10%, it is **CB448E**.

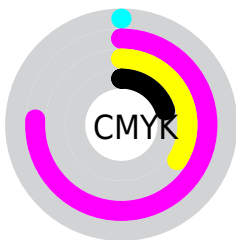
# Distribution



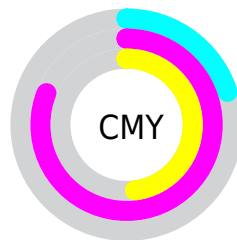
- Red (80%)
- Green (19%)
- Blue (52%)



- Red (80%)
- Yellow (19%)
- Blue (52%)



- Cyan (0%)
- Magenta (76%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (81%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3085 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 CB3085 by changing the saturation by 10% instead.



 CB3085

 CB3085

FFFFFF

 AD006C

 FF6DBA

 900053

 FF8AD6

 73003C

 FFA6F2

 560027

 FFC4FF

 3C0011

 FFE1FF

 190001

 000000

 CB3085

 CB3085

 CB1C7C

 CB448E

 CB0773

 CB5997

 CB006F

 CB6DA1

 CB81AA

 CB96B3

 CBAABC

 CBBEC5

 CBD2CE

 CBE7D8

# Harmonies

## Analogous

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



A24DB9



CB3085



D2324D

# Triad

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



CB3085



647A00



0087C8

# Complementary

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



CB3085



30CB76

# 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.



008A97



CB3085



008421

# Square

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



CB3085



976800



00895D



007DE1

# Rectangle

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



CB3085



C74529



00895D



0088BA



# Sweetspot

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



CB3085



FFC4E5



7630CB



805C6F



000000



808080



# Same Dimension

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



CB3085



FF1495



CB3038



665C61



A6005B



260015



# Inverse Universe

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



CB3085



FF1495



30CBC3



665C61



A6005B



260015



# Previews

## White Background



This preview shows how the Hex color CB3085 looks on a white background.

## Color Contrast Check

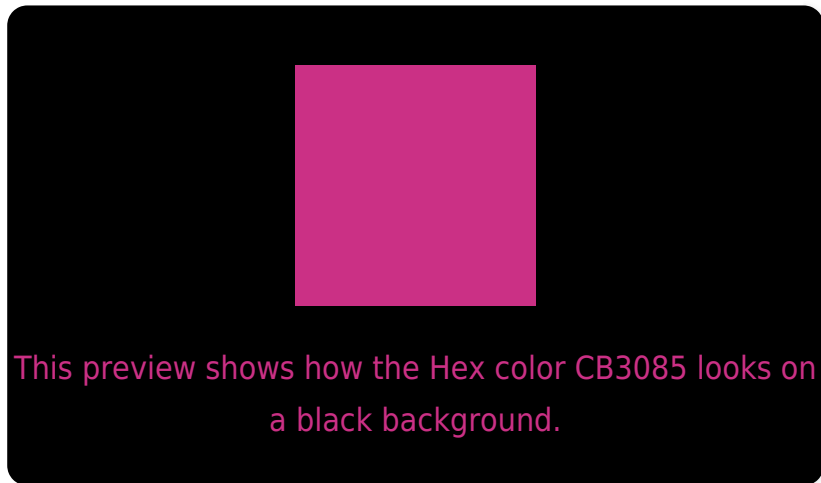
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB3085 Background



This preview shows how black text looks on a background with the Hex color CB3085.

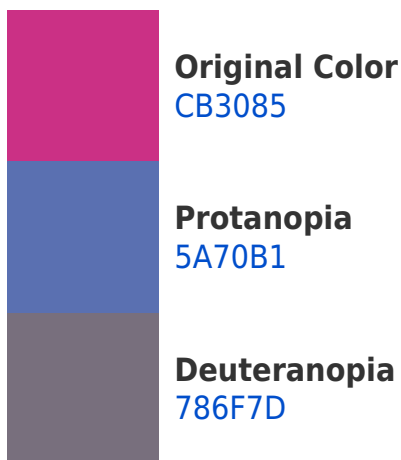



This preview shows how white text looks on a background with the Hex color CB3085.

# 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](#).

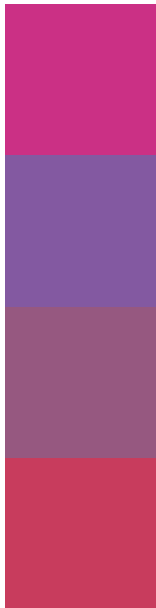
## Dichromacy





**Tritanopia**  
C74346

# Trichromacy



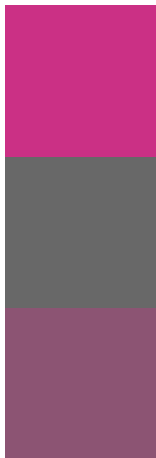
**Original Color**  
CB3085

**Protanomaly**  
8359A1

**Deuteranomaly**  
965880

**Tritanomaly**  
C83C5D

# Monochromacy



**Original Color**  
CB3085

**Achromatopsia**  
686868

**Achromatomaly**  
8C5473

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3085 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 #CB3085 looks like.

```
.text, #text, p{  
    color:#CB3085  
}
```

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 #CB3085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3085
}
```

## Border

The CSS property to change the border of an element to Hex CB3085 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
#CB3085 }
```

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

```
.border{ border-color:#CB3085 }
```

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

Here you see how a box with a 4 pixel #CB3085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3085; -webkit-box-shadow:4px 4px  
4px 4px #CB3085; box-shadow:4px 4px 4px  
4px #CB3085 }
```

# Background

The CSS property to change the background color of an element to Hex CB3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3085 }
```

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

```
.background{ background-color:#CB3085 }
```

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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