

# Converting Colors

Hex(CB3BCB)

Have a look what the booklet for  
Hex(CB3BCB) contains.

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# Color

Hex(CB3BCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	CB3BCB
RGB	203, 59, 203
RGB Percent	80%, 23%, 80%
CMY	0.2039, 0.7686, 0.2039
CMYK	0.00, 0.71, 0.00, 0.20
HSL	300°, 58%, 51%
HSV	300°, 71%, 80%
XYZ	36.9721, 20.1362, 58.4380
YIQ	118.4720, 39.6000, 75.3120

# Conversions

## Conversions Part 2

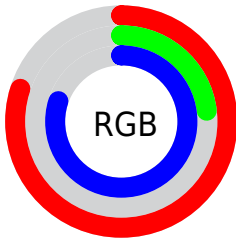
Format	Color
R <sub>Y</sub> B	203, 59, 203
Decimal	13319115
CIE Lab	51.99, 71.93, -45.31
CIE LCh	52, 85.007, 327.793
Yxy	20.1362, 0.3200, 0.1743
Android (android.graphics.Color)	4291509195 (0xFFCB3BCB)
YUV	118.4720, 41.6723, 74.1311
Hunter-Lab	44.8734, 68.5410, -45.8010

# Details

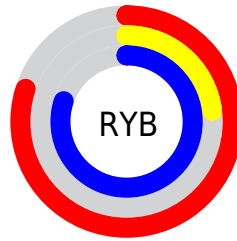
The Hex color **CB3BCB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3BCB3B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF77FF**, and **910094** is the 20% darker color. If you saturate the color by 10%, you get **CB27CB**, and if you desaturate by 10%, it is **CB4FCB**.

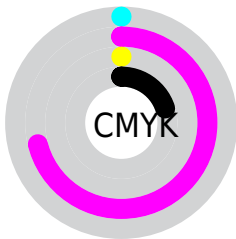
# Distribution



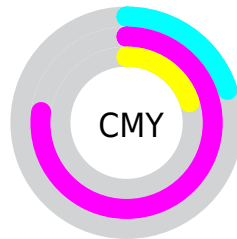
- Red (80%)
- Green (23%)
- Blue (80%)



- Red (80%)
- Yellow (23%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB3BCB 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 CB3BCB by changing the saturation by 10% instead.



 CB3BCB

 CB3BCB

FFFFFF

 AE12AF

 FF77FF

 910094

 FF94FF

 74007A

 FFB1FF

 590060

 FFCEFF

 3E0048

 FFECFF

 220031

 00011A

 000000

 CB3BCB

 CB3BCB

 CB27CB

 CB4FCB

 CB12CB

 CB64CB

 CB00CB

 CB78CB

 CB8CCB

 CBA1CB

 CBB5CB

 CBC9CB

 CBDDCB

 CBF2CB

# Harmonies

## Analogous

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



5F6BFF



CB3BCB



F40085

# Triad

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



CB3BCB



9B7700



009ABF

# Complementary

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



CB3BCB



3BCB3B

# 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.



009974



CB3BCB



538B00

# Square

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



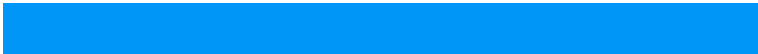
CB3BCB



D15600



009523



0096F8

# Rectangle

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



CB3BCB



F70055



009523



009AA7



# Sweetspot

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



CB3BCB



FFC9FF



3B3BCB



806080



000000



808080



# Same Dimension

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



CB3BCB



FF26FF



CB3B83



665C66



A600A6



260026



# Inverse Universe

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



CB3BCB



FF26FF



3BCB83



665C66



A600A6

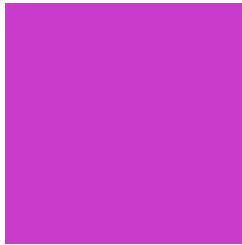


260026



# Previews

## White Background



This preview shows how the Hex color CB3BCB looks on a white background.

## Color Contrast Check

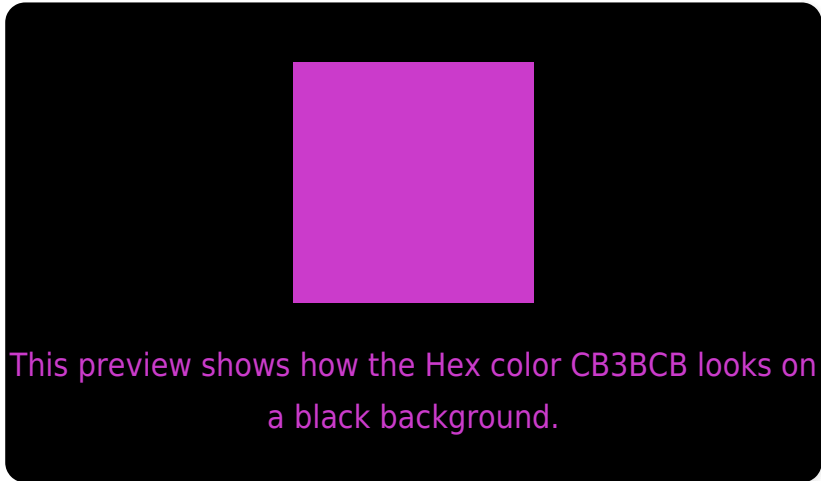
Large Text (above 18pt) WCAG AA ✓ Pass

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

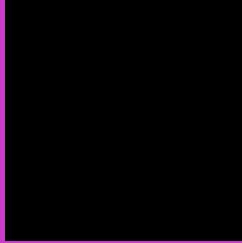
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB3BCB Background



This preview shows how black text looks on a background with the Hex color CB3BCB.




This preview shows how white text looks on a background with the Hex color CB3BCB.

# 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](#).

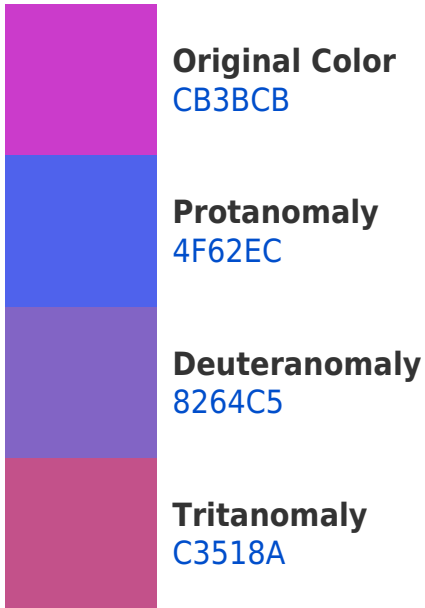
## Dichromacy





**Tritanopia**  
BF5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB3BCB 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 #CB3BCB looks like.

```
.text, #text, p{  
    color:#CB3BCB  
}
```

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 #CB3BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB3BCB
}
```

## Border

The CSS property to change the border of an element to Hex CB3BCB 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
#CB3BCB }
```

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

```
.border{ border-color:#CB3BCB }
```

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

Here you see how a box with a 4 pixel #CB3BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB3BCB; -webkit-box-shadow:4px 4px  
4px 4px #CB3BCB; box-shadow:4px 4px 4px  
4px #CB3BCB }
```

# Background

The CSS property to change the background color of an element to Hex CB3BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB3BCB }
```

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

```
.background{ background-color:#CB3BCB }
```

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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