

# Converting Colors

Hex(CB93EE)

Have a look what the booklet for  
Hex(CB93EE) contains.

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# Color

**Hex(CB93EE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB93EE
RGB	203, 147, 238
RGB Percent	80%, 58%, 93%
CMY	0.2039, 0.4235, 0.0667
CMYK	0.15, 0.38, 0.00, 0.07
HSL	277°, 73%, 75%
HSV	277°, 38%, 93%
XYZ	50.4949, 39.7370, 85.8976
YIQ	174.1180, 4.1650, 40.1730

# Conversions

## Conversions Part 2

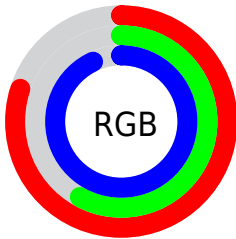
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 147, 238
Decimal	13341678
CIE Lab	69.28, 37.36, -37.76
CIE LCh	69, 53.121, 314.693
Yxy	39.7370, 0.2867, 0.2256
Android (android.graphics.Color)	4291531758 (0xFFCB93EE)
YUV	174.1180, 31.4938, 25.3295
Hunter-Lab	63.0373, 32.6691, -36.6652

# Details

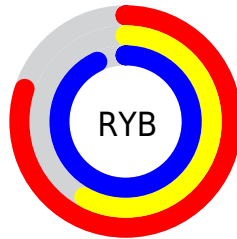
The Hex color **CB93EE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B6EE93**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCAFF**, and **935FB6** is the 20% darker color. If you saturate the color by 10%, you get **C27BEE**, and if you desaturate by 10%, it is **D4ABEE**.

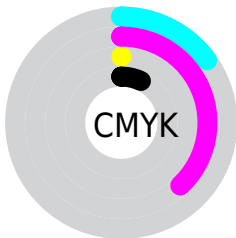
# Distribution



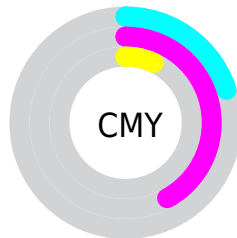
- Red (80%)
- Green (58%)
- Blue (93%)



- Red (80%)
- Yellow (58%)
- Blue (93%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (42%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB93EE 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 CB93EE by changing the saturation by 10% instead.



 CB93EE

 CB93EE

FFFFFF

 AF79D2

 FFCAFF

 935FB6

 FFE6FF

 79469B

 5E2E80

 451667

 2C004E

 180037

 000220

 000005

 CB93EE

 CB93EE

 C27BEE

 D4ABEE

 B963EE

 DDC3EE

 B04CEE

 E6DAEE

 A634EE

 F0F2EE

 9D1CEE

 F9FFEE

 9404EE

 FFFFEE

 9200EE

# Harmonies

## Analogous

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



82A6FF



CB93EE



F583C4

# Triad

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



CB93EE



DA9E4A



00C1C0

# Complementary

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



CB93EE



B6EE93

# 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.



19C08E



CB93EE



AEAE47

# Square

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



CB93EE



F88C67



78B962



00BEEC

# Rectangle

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



CB93EE



FF7FA3



78B962



00C1AF



# Sweetspot

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



CB93EE



F4E3FF



93B7EE



796F80



000000



808080



# Same Dimension

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



CB93EE



D28AFF



EE93E5



736C78



7100B8



230038



# Inverse Universe

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



EE93B6



FF8AB7



93EE9C



786C70



B80047

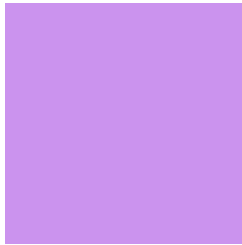


380016



# Previews

## White Background



This preview shows how the Hex color CB93EE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex CB93EE Background



This preview shows how black text looks on a background with the Hex color CB93EE.



This preview shows how white text looks on a background with the Hex color CB93EE.

# 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**  
C1A1AD

# Trichromacy



**Original Color**  
CB93EE



**Protanomaly**  
A2A0F8



**Deuteranomaly**  
A8A0EB



**Tritanomaly**  
C59CC5

# Monochromacy



**Original Color**  
CB93EE



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
B9A4C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB93EE 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 #CB93EE looks like.

```
.text, #text, p{  
    color:#CB93EE  
}
```

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 #CB93EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB93EE
}
```

## Border

The CSS property to change the border of an element to Hex CB93EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

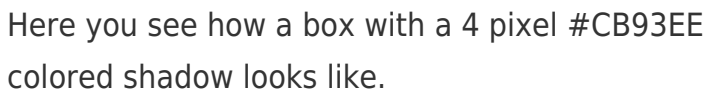
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB93EE }
```

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

```
.border{ border-color:#CB93EE }
```

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



Here you see how a box with a 4 pixel `#CB93EE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB93EE; -webkit-box-shadow:4px 4px  
4px 4px #CB93EE; box-shadow:4px 4px 4px  
4px #CB93EE }
```

# Background

The CSS property to change the background color of an element to Hex CB93EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB93EE }
```

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

```
.background{ background-color:#CB93EE }
```

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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