

# Converting Colors

Hex(CB43EF)

Have a look what the booklet for  
Hex(CB43EF) contains.

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# Color

**Hex(CB43EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB43EF
RGB	203, 67, 239
RGB Percent	80%, 26%, 94%
CMY	0.2039, 0.7373, 0.0627
CMYK	0.15, 0.72, 0.00, 0.06
HSL	287°, 84%, 60%
HSV	287°, 72%, 94%
XYZ	42.2157, 22.9428, 83.8647
YIQ	127.2720, 25.8440, 82.3240

# Conversions

## Conversions Part 2

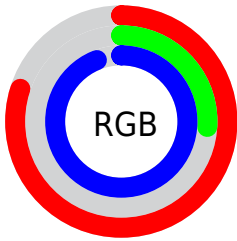
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	203, 67, 239
Decimal	13321199
CIE Lab	55.01, 75.40, -60.89
CIE LCh	55, 96.916, 321.074
Yxy	22.9428, 0.2833, 0.1540
Android (android.graphics.Color)	4291511279 (0xFFCB43EF)
YUV	127.2720, 55.0819, 66.4135
Hunter-Lab	47.8987, 73.4993, -70.2805

# Details

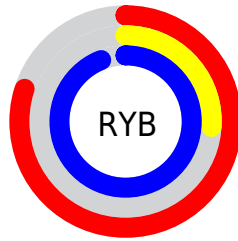
The Hex color **CB43EF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light muted magenta. A complement of this color would be **67EF43**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7FFF**, and **9000B6** is the 20% darker color. If you saturate the color by 10%, you get **C62BEF**, and if you desaturate by 10%, it is **D05BEF**.

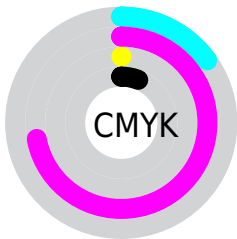
# Distribution



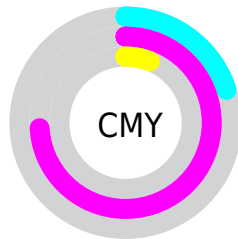
- Red (80%)
- Green (26%)
- Blue (94%)



- Red (80%)
- Yellow (26%)
- Blue (94%)



- Cyan (15%)
- Magenta (72%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (74%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB43EF 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 CB43EF by changing the saturation by 10% instead.



 CB43EF

 CB43EF

FFFFFF

 AD1FD2

 FF7FFF

 9000B6

 FF9CFF

 73009B

 FFB9FF

 570080


 FFD6FF

 3A0066

 FFF4FF

 1B004D

 000035

 00021F

 000001

 CB43EF

 CB43EF

 C62BEF

 D05BEF

 C113EF

 D573EF

 BD00EF

 DA8BEF

 DFA3EF

 E4BAEF

 E9D2EF

 EEEAEF

 F3FFEF

 F8FFEF

# Harmonies

## Analogous

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



0079FF



CB43EF



FF00A1

# Triad

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



CB43EF



B57800



00A5BE

# Complementary

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



CB43EF



67EF43

# 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.



00A467



CB43EF



689100

# Square

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



CB43EF



EE4900



009E00



00A3FF

# Rectangle

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



CB43EF



FF0069



009E00



00A5A2



# Sweetspot

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



CB43EF



F3C7FF



4368EF



795E80



000000



808080



# Same Dimension

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



CB43EF



D124FF



EF43BE



756C78



9100B8



2C0038



# Inverse Universe

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



EF4367



FF2452



43EF74



786C6E



B80026

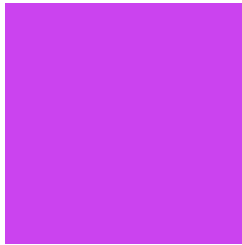


38000C



# Previews

## White Background



This preview shows how the Hex color CB43EF looks on a white background.

## Color Contrast Check

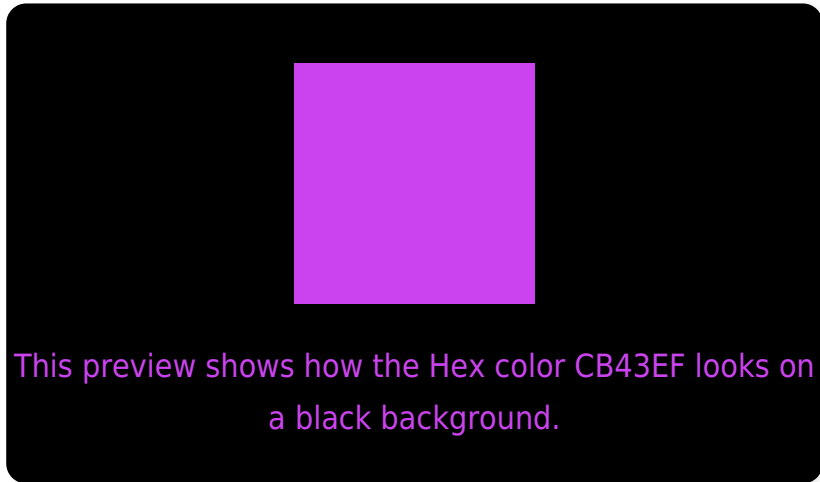
Large Text (above 18pt) WCAG AA ✓ Pass

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

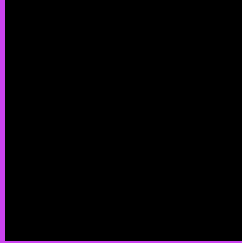
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CB43EF Background



This preview shows how black text looks on a background with the Hex color CB43EF.

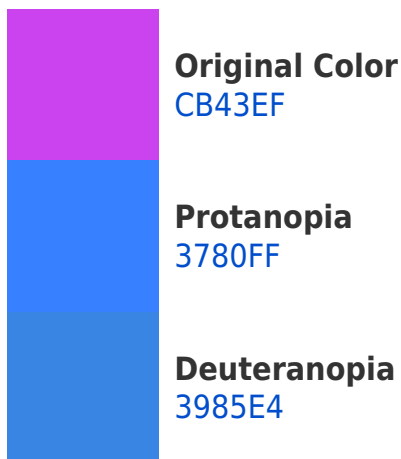



This preview shows how white text looks on a background with the Hex color CB43EF.

# 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](#).

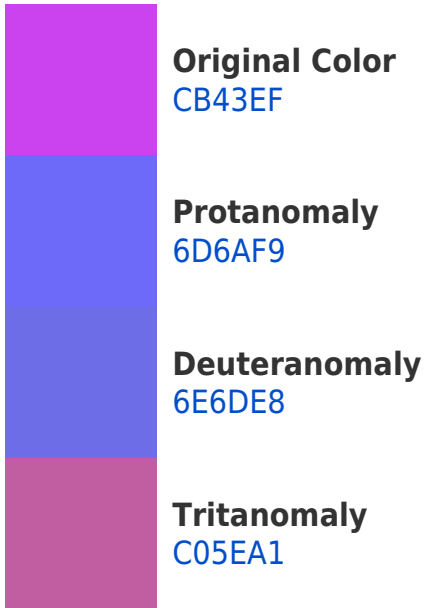
## Dichromacy





**Tritanopia**  
BA6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB43EF 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 #CB43EF looks like.

```
.text, #text, p{  
    color:#CB43EF  
}
```

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 #CB43EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB43EF
}
```

## Border

The CSS property to change the border of an element to Hex CB43EF 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
#CB43EF }
```

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

```
.border{ border-color:#CB43EF }
```

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

Here you see how a box with a 4 pixel #CB43EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB43EF; -webkit-box-shadow:4px 4px  
4px 4px #CB43EF; box-shadow:4px 4px 4px  
4px #CB43EF }
```

# Background

The CSS property to change the background color of an element to Hex CB43EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB43EF }
```

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

```
.background{ background-color:#CB43EF }
```

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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