

# Converting Colors

Hex(CE01B9)

Have a look what the booklet for  
Hex(CE01B9) contains.

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**Color**

**Hex(CE01B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE01B9
RGB	206, 1, 185
RGB Percent	81%, 0%, 73%
CMY	0.1922, 0.9961, 0.2745
CMYK	0.00, 1.00, 0.10, 0.19
HSL	306°, 99%, 41%
HSV	306°, 100%, 81%
XYZ	34.2214, 16.6463, 47.3083
YIQ	83.2710, 63.1160, 100.6840

# Conversions

## Conversions Part 2

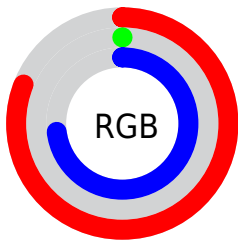
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 1, 185
Decimal	13500857
CIE <sub>Lab</sub>	47.81, 80.66, -41.46
CIE <sub>LCh</sub>	48, 90.689, 332.795
Yxy	16.6463, 0.3486, 0.1696
Android (android.graphics.Color)	4291690937 (0xFFCE01B9)
YUV	83.2710, 50.1524, 107.6333
Hunter-Lab	40.7999, 78.3193, -40.1881

# Details

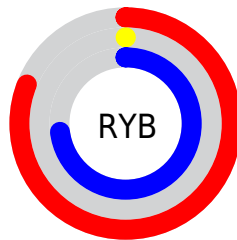
The Hex color **CE01B9** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **01CE16**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CF2**, and **930083** is the 20% darker color. If you saturate the color by 10%, you get **CE00B9**, and if you desaturate by 10%, it is **CE16BB**.

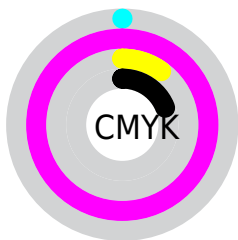
# Distribution



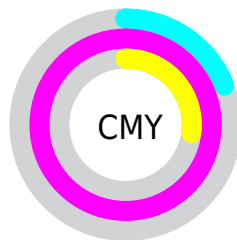
- Red (81%)
- Green (0%)
- Blue (73%)



- Red (81%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE01B9 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 CE01B9 by changing the saturation by 10% instead.



 CE01B9

 CE01B9

FFFFFF

 B0009E

 FF5CF2

 930083

 FF7BFF

 760069

 FF99FF

 590051

 FFB7FF

 3F0039

 FFD5FF

 200022

 FFF3FF

 000008

 000000

 CE01B9

 CE01B9

■ CE00B9

■ CE16BB

■ CE2ABD

■ CE3FBF

■ CE53C1

■ CE68C4

■ CE7DC6

■ CE91C8

■ CEA6CA

■ CEBACC

# Harmonies

## Analogous

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



6A58F5



CE01B9



F0006E

# Triad

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



CE01B9



847100



0090C4

# Complementary

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



CE01B9



01CE16

# 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.



008F77



CE01B9



2D8300

# Square

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



CE01B9



C04F00



008B21



008BFB

# Rectangle

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



CE01B9



EE003D



008B21



0090AB



# Sweetspot

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



CE01B9



FFB3F7



1501CE



80527B



000000



808080



# Same Dimension

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



CE01B9



FF00E5



CE0153



665C65



A60095



260022



# Inverse Universe

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



CE01B9



FF00E5



01CE7C



665C65



A60095



260022



# Previews

## White Background



This preview shows how the Hex color CE01B9 looks on a white background.

## Color Contrast Check

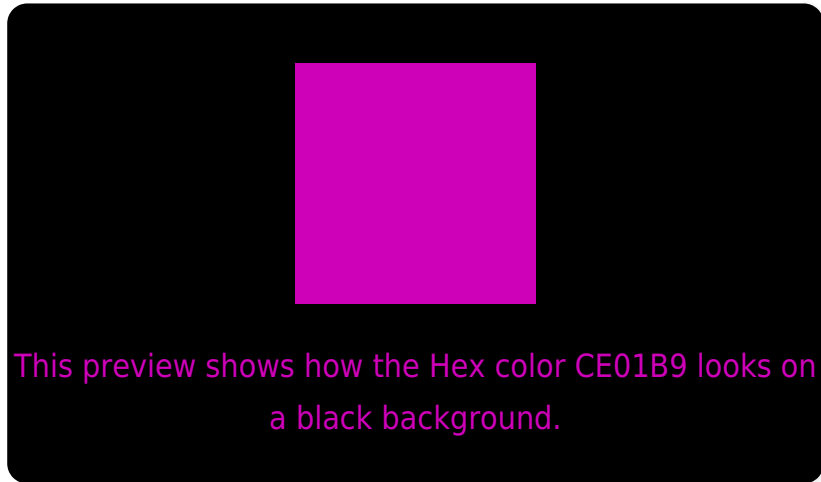
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE01B9 Background



This preview shows how black text looks on a background with the Hex color CE01B9.




This preview shows how white text looks on a background with the Hex color CE01B9.

# 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**  
C4494D

# Trichromacy



**Original Color**  
CE01B9



**Protanomaly**  
4B47D9



**Deuteranomaly**  
834AB2



**Tritanomaly**  
C82F74

# Monochromacy



**Original Color**  
CE01B9



**Achromatopsia**  
535353



**Achromatomaly**  
803578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE01B9 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 #CE01B9 looks like.

```
.text, #text, p{  
    color:#CE01B9  
}
```

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 #CE01B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE01B9
}
```

## Border

The CSS property to change the border of an element to Hex CE01B9 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
#CE01B9 }
```

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

```
.border{ border-color:#CE01B9 }
```

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

Here you see how a box with a 4 pixel #CE01B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE01B9; -webkit-box-shadow:4px 4px  
4px 4px #CE01B9; box-shadow:4px 4px 4px  
4px #CE01B9 }
```

# Background

The CSS property to change the background color of an element to Hex CE01B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE01B9 }
```

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

```
.background{ background-color:#CE01B9 }
```

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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