

# Converting Colors

Hex(CE0086)

Have a look what the booklet for  
Hex(CE0086) contains.

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**Color**

**Hex(CE0086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE0086
RGB	206, 0, 134
RGB Percent	81%, 0%, 53%
CMY	0.1922, 1.0000, 0.4745
CMYK	0.00, 1.00, 0.35, 0.19
HSL	321°, 100%, 40%
HSV	321°, 100%, 81%
XYZ	29.7567, 14.8430, 23.8509
YIQ	76.8700, 79.7620, 85.3460

# Conversions

## Conversions Part 2

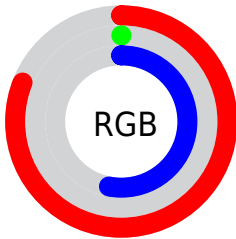
<b>Format</b>	<b>Color</b>
<b>RYB</b>	206, 0, 134
Decimal	13500550
CIELab	45.42, 74.77, -14.67
CIElCh	45, 76.200, 348.901
Yxy	14.8430, 0.4347, 0.2168
Android (android.graphics.Color)	4291690630 (0xFFCE0086)
YUV	76.8700, 28.1651, 113.2470
Hunter-Lab	38.5267, 70.4456, -9.7363

# Details

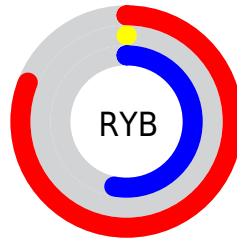
The Hex color **CE0086** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **00CE48**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5ABB**, and **920054** is the 20% darker color. If you saturate the color by 10%, you get **CE0086**, and if you desaturate by 10%, it is **CE158D**.

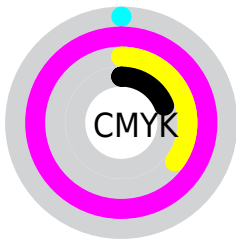
# Distribution



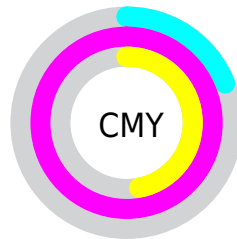
- Red (81%)
- Green (0%)
- Blue (53%)



- Red (81%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE0086 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 CE0086 by changing the saturation by 10% instead.



 CE0086

 CE0086

FFFFFF

 B0006D

 FF5ABB

 920054

 FF78D7

 74003D

 FF96F3

 570027

 FFB3FF

 3C0011

 FFD1FF

 190001

 FFEFFF

 000000

 CE0086

 CE158D

 CE2994

 CE3E9C

 CE52A3

 CE67AA

 CE7CB1

 CE90B8

 CEA5C0

 CEB9C7

# Harmonies

## Analogous

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



9D41C0



CE0086



D70047

# Triad

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



CE0086



5D7500



0084CC

# Complementary

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



CE0086



00CE48

# 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.



008693



CE0086



007F00

# Square

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



CE0086



976000



008451



007BEA

# Rectangle

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



CE0086



CB2F1D



008451



0085BB



# Sweetspot

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



CE0086



FFB3E4



4500CE



80526F



000000



808080



# Same Dimension

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



CE0086



FF00A6



CE0022



665C62



A6006C



260019



# Inverse Universe

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



CE0086



FF00A6



00CEAC



665C62



A6006C



260019



# Previews

## White Background



This preview shows how the Hex color CE0086 looks on a white background.

## Color Contrast Check

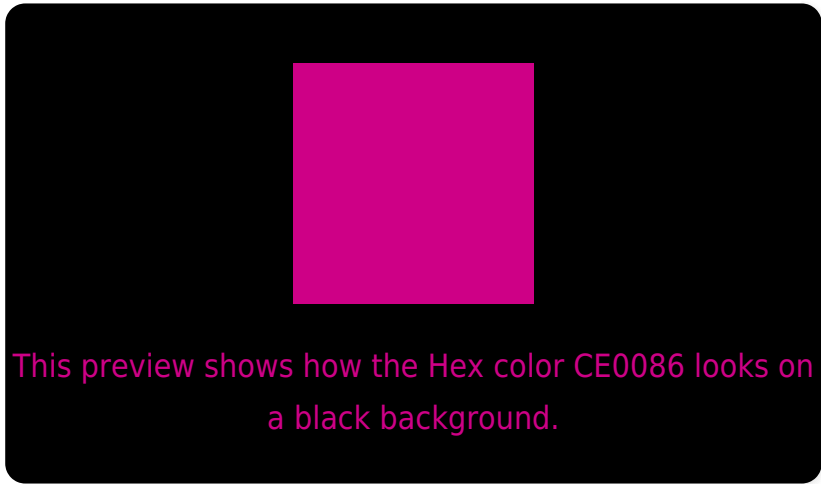
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0086 Background



This preview shows how black text looks on a background with the Hex color CE0086.

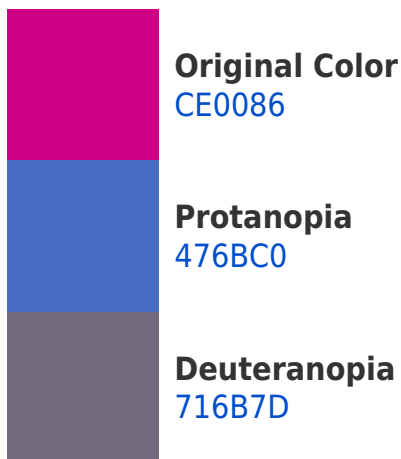


This preview shows how white text looks on a background with the Hex color CE0086.

# 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





# Trichromacy



**Original Color**  
CE0086



**Protanomaly**  
7844AB



**Deuteranomaly**  
934480



**Tritanomaly**  
CB2254

# Monochromacy



**Original Color**  
CE0086



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
7C3162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE0086 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 #CE0086 looks like.

```
.text, #text, p{  
    color:#CE0086  
}
```

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 #CE0086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0086  
}
```

## Border

The CSS property to change the border of an element to Hex CE0086 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  
#CE0086 }
```

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

```
.border{ border-color:#CE0086 }
```

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

Here you see how a box with a 4 pixel #CE0086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0086; -webkit-box-shadow:4px 4px  
4px 4px #CE0086; box-shadow:4px 4px 4px  
4px #CE0086 }
```

# Background

The CSS property to change the background color of an element to Hex CE0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0086 }
```

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

```
.background{ background-color:#CE0086 }
```

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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