

Converting Colors

Hex(CE0A89)

Have a look what the booklet for
Hex(CE0A89) contains.

Hex(CE0A89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CE0A89)

Conversions

Conversions Part 1

Format	Color
Hex	CE0A89
RGB	206, 10, 137
RGB Percent	81%, 4%, 54%
CMY	0.1922, 0.9608, 0.4627
CMYK	0.00, 0.95, 0.33, 0.19
HSL	321°, 91%, 42%
HSV	321°, 95%, 81%
XYZ	30.0775, 15.1450, 25.0049
YIQ	83.0820, 76.0490, 81.0490

Conversions

Conversions Part 2

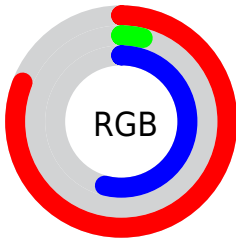
Format	Color
R _Y B	206, 10, 137
Decimal	13503113
CIE Lab	45.83, 74.21, -15.87
CIE LCh	46, 75.885, 347.929
Yxy	15.1450, 0.4283, 0.2157
Android (android.graphics.Color)	4291693193 (0xFFCE0A89)
YUV	83.0820, 26.5816, 107.7991
Hunter-Lab	38.9166, 69.8532, -10.8537

Details

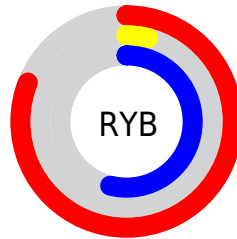
The Hex color **CE0A89** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **0ACE4F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CBE**, and **920057** is the 20% darker color. If you saturate the color by 10%, you get **CE0085**, and if you desaturate by 10%, it is **CE1F90**.

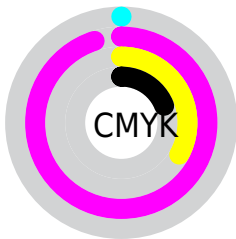
Distribution



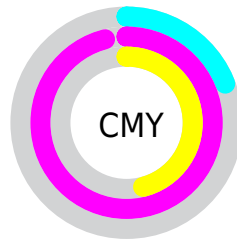
- Red (81%)
- Green (4%)
- Blue (54%)



- Red (81%)
- Yellow (4%)
- Blue (54%)



- Cyan (0%)
- Magenta (95%)
- Yellow (33%)
- Black (19%)



- Cyan (19%)
- Magenta (96%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE0A89 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 CE0A89 by changing the saturation by 10% instead.

 CE0A89

 CE0A89

FFFFFF

 B00070

 FF5CBE

 920057

 FF7ADA

 750040

 FF98F7

 58002A

 FFB5FF

 3C0015

 FFD3FF

 1A0001

 FFF1FF

 000000

 CE0A89

 CE0A89

 CE0085

 CE1F90

 CE3398

 CE489F

 CE5CA6

 CE71AD

 CE86B5

 CE9ABC

 CEAFC3

 CEC3CA

Harmonies

Analogous

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



9C44C3



CE0A89



D8034A

Triad

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



CE0A89



617500



0085CB

Complementary

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



CE0A89



0ACE4F

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.



008792



CE0A89



008000

Square

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



CE0A89



996100



008550



007CEA

Rectangle

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



CE0A89



CD3021



008550



0086BA

Sweetspot

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



CE0A89



FFB5E5



4F0ACE



805370



000000



808080

Same Dimension

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



CE0A89



FF00A5



CE0A27



665C62



A6006B



260019

Inverse Universe

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



CE0A89



FF00A5



0ACEB1



665C62



A6006B



260019

Previews

White Background



This preview shows how the Hex color CE0A89 looks on a white background.

Color Contrast Check

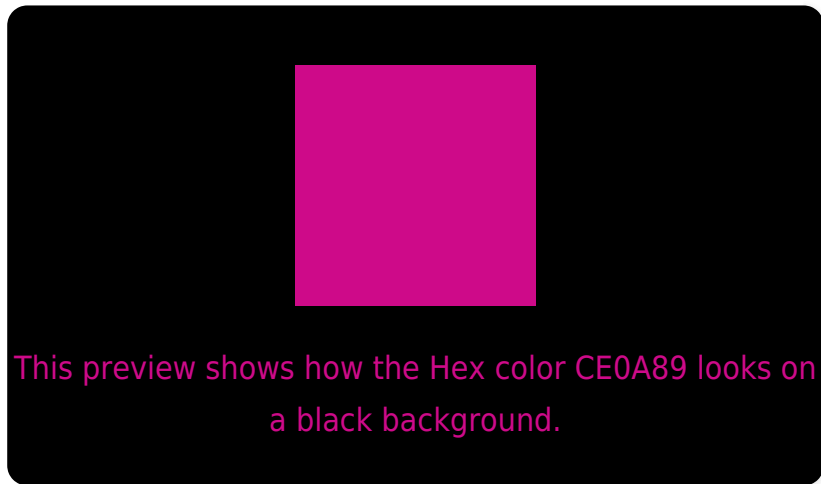
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE0A89 Background



This preview shows how black text looks on a background with the Hex color CE0A89.

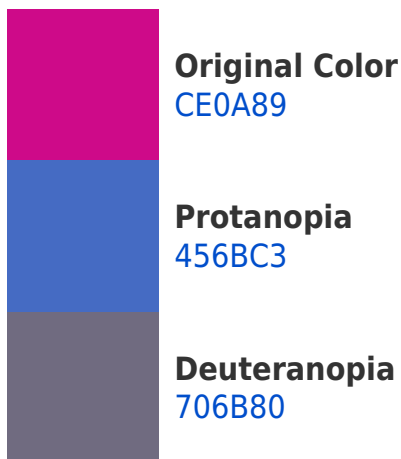


This preview shows how white text looks on a background with the Hex color CE0A89.

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
CE0A89



Protanomaly
7748AE



Deuteranomaly
924883



Tritanomaly
CB2756

Monochromacy



Original Color
CE0A89



Achromatopsia
535353



Achromatomaly
803867

CSS Examples

Text

The CSS property to change the color of the text to Hex CE0A89 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 #CE0A89 looks like.

```
.text, #text, p{  
    color:#CE0A89  
}
```

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 #CE0A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE0A89
}
```

Border

The CSS property to change the border of an element to Hex CE0A89 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
#CE0A89 }
```

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

```
.border{ border-color:#CE0A89 }
```

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

Here you see how a box with a 4 pixel #CE0A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE0A89; -webkit-box-shadow:4px 4px  
4px 4px #CE0A89; box-shadow:4px 4px 4px  
4px #CE0A89 }
```

Background

The CSS property to change the background color of an element to Hex CE0A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE0A89 }
```

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

```
.background{ background-color:#CE0A89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor