

Converting Colors

Hex(CE00AA)

Have a look what the booklet for
Hex(CE00AA) contains.

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Color

Hex(CE00AA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CE00AA |
| RGB | 206, 0, 170 |
| RGB Percent | 81%, 0%, 67% |
| CMY | 0.1922, 1.0000, 0.3333 |
| CMYK | 0.00, 1.00, 0.17, 0.19 |
| HSL | 310°, 100%, 40% |
| HSV | 310°, 100%, 81% |
| XYZ | 32.7093, 16.0241, 39.3992 |
| YIQ | 80.9740, 68.2060, 96.5420 |

Conversions

Conversions Part 2

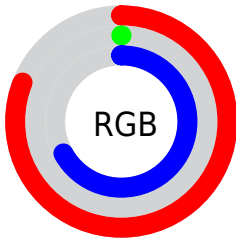
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 206, 0, 170 |
| Decimal | 13500586 |
| CIE _{Lab} | 47.01, 78.81, -33.89 |
| CIE _{LCh} | 47, 85.786, 336.732 |
| Yxy | 16.0241, 0.3711, 0.1818 |
| Android (android.graphics.Color) | 4291690666 (0xFFCE00AA) |
| YUV | 80.9740, 43.8898, 109.6478 |
| Hunter-Lab | 40.0301, 75.8028, -30.3345 |

Details

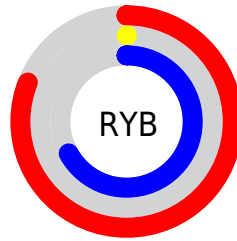
The Hex color **CE00AA** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CE24**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5BE2**, and **930075** is the 20% darker color. If you saturate the color by 10%, you get **CE00AA**, and if you desaturate by 10%, it is **CE15AE**.

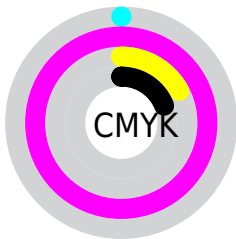
Distribution



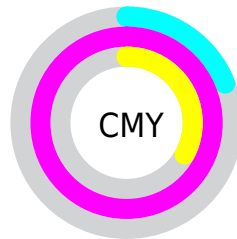
- Red (81%)
- Green (0%)
- Blue (67%)



- Red (81%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE00AA 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 CE00AA by changing the saturation by 10% instead.

 CE00AA

 CE00AA

FFFFFF

 B0008F

 FF5BE2

 930075

 FF7AFF

 76005C

 FF98FF

 590044

 FFB6FF

 3E002D

 FFD4FF

 1F0017

 FFF2FF

 000000

 CE00AA

 CE15AE

 CE29B1

 CE3EB5

 CE52B8

 CE67BC

 CE7CC0

 CE90C3

 CEA5C7

 CEB9CA

Harmonies

Analogous

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



7D52E5



CE00AA



E80063

Triad

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



CE00AA



7A7200



008CC5

Complementary

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



CE00AA



00CE24

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.



008C7F



CE00AA



1E8200

Square

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



CE00AA



B45500



008931



0086F6

Rectangle

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



CE00AA



E30034



008931



008CAF

Sweetspot

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



CE00AA



FFB3F2



2200CE



805277



000000



808080

Same Dimension

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



CE00AA



FF00D2



CE0045



665C64



A60089



260020

Inverse Universe

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



CE00AA



FF00D2



00CE89



665C64



A60089



260020

Previews

White Background



This preview shows how the Hex color CE00AA looks on a white background.

Color Contrast Check

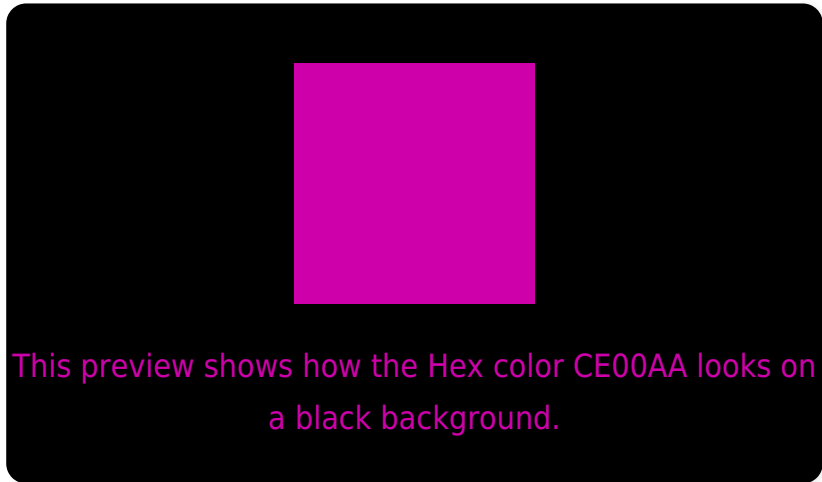
Large Text (above 18pt) WCAG AA ✓ Pass

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

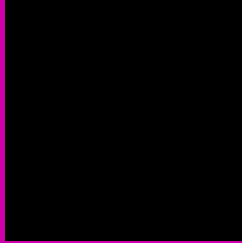
Any Text WCAG AA × Fail

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 CE00AA Background



This preview shows how black text looks on a background with the Hex color CE00AA.



This preview shows how white text looks on a background with the Hex color CE00AA.

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
C64347

Trichromacy



Original Color
CE00AA



Protanomaly
4B45D2



Deuteranomaly
8947A3



Tritanomaly
C92B6B

Monochromacy



Original Color
CE00AA



Achromatopsia
515151



Achromatomaly
7E3471

CSS Examples

Text

The CSS property to change the color of the text to Hex CE00AA 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 #CE00AA looks like.

```
.text, #text, p{  
    color:#CE00AA  
}
```

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 #CE00AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE00AA
}
```

Border

The CSS property to change the border of an element to Hex CE00AA 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
#CE00AA }
```

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

```
.border{ border-color:#CE00AA }
```

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

Here you see how a box with a 4 pixel #CE00AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE00AA; -webkit-box-shadow:4px 4px  
4px 4px #CE00AA; box-shadow:4px 4px 4px  
4px #CE00AA }
```

Background

The CSS property to change the background color of an element to Hex CE00AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE00AA }
```

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

```
.background{ background-color:#CE00AA }
```

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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