

Converting Colors

Hex(CA00E2)

Have a look what the booklet for
Hex(CA00E2) contains.

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Color

Hex(CA00E2)

Conversions

Conversions Part 1

Format	Color
Hex	CA00E2
RGB	202, 0, 226
RGB Percent	79%, 0%, 89%
CMY	0.2078, 1.0000, 0.1137
CMYK	0.11, 1.00, 0.00, 0.11
HSL	294°, 100%, 44%
HSV	294°, 100%, 89%
XYZ	38.0846, 18.0475, 73.4277
YIQ	86.1620, 47.8460, 113.1100

Conversions

Conversions Part 2

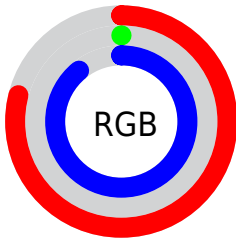
Format	Color
R_{YB}	202, 0, 226
Decimal	13238498
CIE _{Lab}	49.55, 86.06, -62.36
CIE _{LCh}	50, 106.277, 324.070
Yxy	18.0475, 0.2940, 0.1393
Android (android.graphics.Color)	4291428578 (0xFFCA00E2)
YUV	86.1620, 68.9401, 101.5899
Hunter-Lab	42.4824, 85.6773, -72.7408

Details

The Hex color **CA00E2** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **18E200**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5EFF**, and **8E00AA** is the 20% darker color. If you saturate the color by 10%, you get **CA00E2**, and if you desaturate by 10%, it is **CC17E2**.

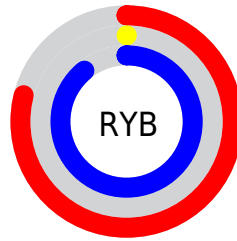
Distribution



Red (79%)

Green (0%)

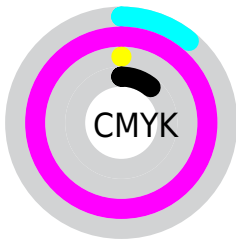
Blue (89%)



Red (79%)

Yellow (0%)

Blue (89%)

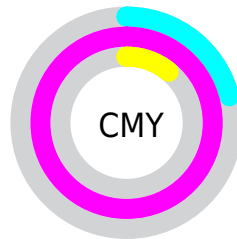


Cyan (11%)

Magenta (100%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (100%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA00E2 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 CA00E2 by changing the saturation by 10% instead.

CA00E2

CA00E2

FFFFFF

AC00C5

FF5EFF

8E00AA

FF7DFF

71008E

FF9BFF

540074

FFB9FF

39005B

FFD7FF

150042

FFF6FF

00032A

000115

000000

 CA00E2

 CC17E2

 CF2DE2

 D144E2

 D45AE2

 D671E2

 D888E2

 DB9EE2

 DDB5E2

 E0CBE2

Harmonies

Analogous

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



0067FF



CA00E2



FF008C

Triad

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



CA00E2



9F6D00



0098BE

Complementary

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



CA00E2



18E200

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.



009661



CA00E2



458600

Square

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



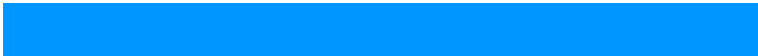
CA00E2



DE3500



009100



0096FF

Rectangle

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



CA00E2



FF0051



009100



0097A0

Sweetspot

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



CA00E2



F7B3FF



001AE2



7B5280



000000



808080

Same Dimension

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



CA00E2



E400FF



E2008B



6F6570



9D00B0



2B0030

Inverse Universe

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



E20018



FF001B



00E257



706566



B00013



300005

Previews

White Background



This preview shows how the Hex color CA00E2 looks on a white background.

Color Contrast Check

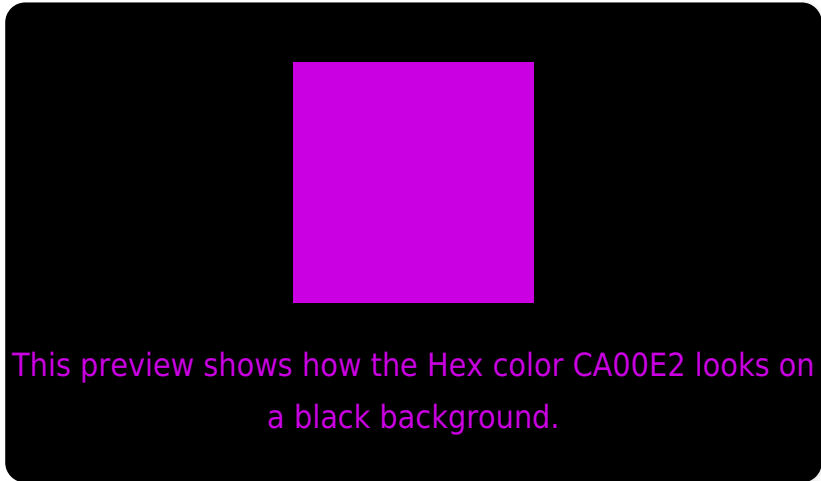
Large Text (above 18pt) WCAG AA ✓ Pass

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

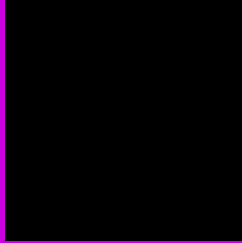
Any Text WCAG AA ✓ Pass

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 CA00E2 Background



This preview shows how black text looks on a background with the Hex color CA00E2.



This preview shows how white text looks on a background with the Hex color CA00E2.

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
BA595F

Trichromacy



Original Color
CA00E2



Protanomaly
4949ED



Deuteranomaly
5D4DDA

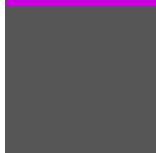


Tritanomaly
C0398F

Monochromacy



Original Color
CA00E2



Achromatopsia
565656



Achromatomaly
803789

CSS Examples

Text

The CSS property to change the color of the text to Hex CA00E2 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 #CA00E2 looks like.

```
.text, #text, p{  
    color:#CA00E2  
}
```

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 #CA00E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA00E2
}
```

Border

The CSS property to change the border of an element to Hex CA00E2 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".

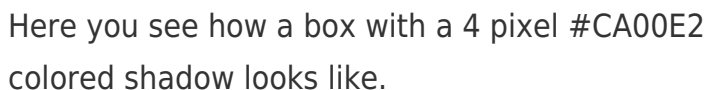
```
.border, #border, table{ border:4px solid
#CA00E2 }
```

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

```
.border{ border-color:#CA00E2 }
```

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

Here you see how a box with a 4 pixel #CA00E2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #CA00E2 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA00E2; -webkit-box-shadow:4px 4px  
4px 4px #CA00E2; box-shadow:4px 4px 4px  
4px #CA00E2 }
```

Background

The CSS property to change the background color of an element to Hex CA00E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA00E2 }
```

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

```
.background{ background-color:#CA00E2 }
```

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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