

# Converting Colors

Hex(CA0485)

Have a look what the booklet for  
Hex(CA0485) contains.

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**Color**

**Hex(CA0485)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA0485
RGB	202, 4, 133
RGB Percent	79%, 2%, 52%
CMY	0.2078, 0.9843, 0.4784
CMYK	0.00, 0.98, 0.34, 0.21
HSL	321°, 96%, 40%
HSV	321°, 98%, 79%
XYZ	28.6342, 14.3368, 23.4484
YIQ	77.9080, 76.5990, 82.0950

# Conversions

## Conversions Part 2

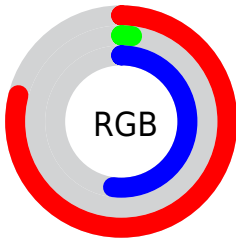
<b>Format</b>	<b>Color</b>
<b>RYB</b>	202, 4, 133
Decimal	13239429
CIELab	44.71, 73.50, -15.20
CIElCh	45, 75.051, 348.312
Yxy	14.3368, 0.4311, 0.2159
Android (android.graphics.Color)	4291429509 (0xFFCA0485)
YUV	77.9080, 27.1604, 108.8287
Hunter-Lab	37.8640, 68.7262, -10.2122

# Details

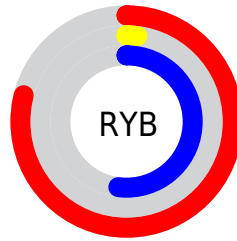
The Hex color **CA0485** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **04CA49**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5ABA**, and **8E0053** is the 20% darker color. If you saturate the color by 10%, you get **CA0084**, and if you desaturate by 10%, it is **CA188C**.

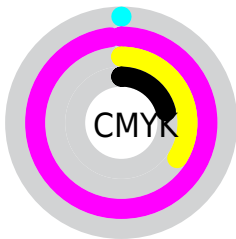
# Distribution



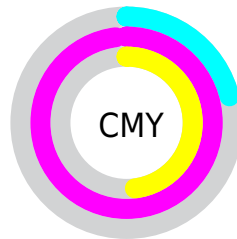
- Red (79%)
- Green (2%)
- Blue (52%)



- Red (79%)
- Yellow (2%)
- Blue (52%)



- Cyan (0%)
- Magenta (98%)
- Yellow (34%)
- Black (21%)



- Cyan (21%)
- Magenta (98%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA0485 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 CA0485 by changing the saturation by 10% instead.



CA0485

CA0485

FFFFFF

AC006C

FF5ABA

8E0053

FF78D6

71003C

FF95F2

540026

FFB3FF

380010

FFD0FF

120000

FFEEFF

000000

CA0485

CA0485

CA0084

CA188C

 CA2C93

 CA419A

 CA55A1

 CA69A8

 CA7DAF

 CA91B6

 CAA6BD

 CABAC4

# Harmonies

## Analogous

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



9941BE



CA0485



D30047

# Triad

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



CA0485



5D7200



0082C7

# Complementary

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



CA0485



04CA49

# 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.



008490



CA0485



007D00

# Square

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



CA0485



955E00



00824E



0079E6

# Rectangle

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



CA0485



C82E1E



00824E



0083B7



# Sweetspot

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



CA0485



FFB5E5



4604CA



805370



000000



808080



# Same Dimension

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



CA0485



FF00A6



CA0425



665C62



A6006C



260019



# Inverse Universe

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



CA0485



FF00A6



04CAA9



665C62



A6006C



260019



# Previews

## White Background



This preview shows how the Hex color CA0485 looks on a white background.

## Color Contrast Check

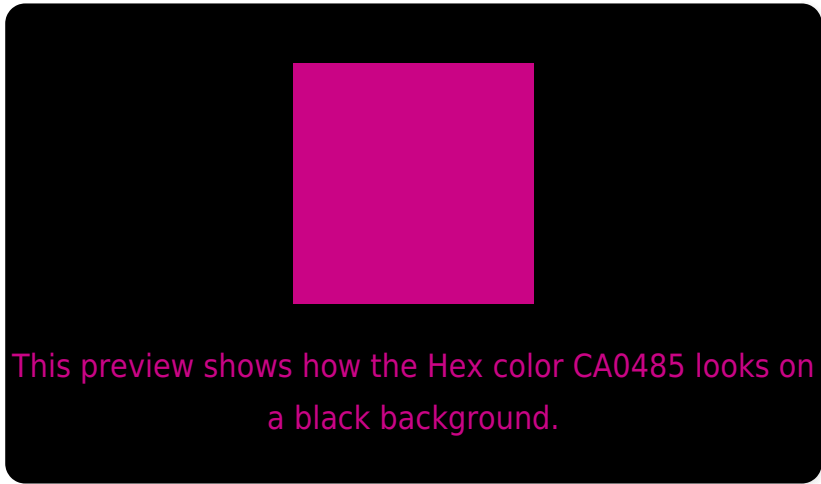
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA0485 Background



This preview shows how black text looks on a background with the Hex color CA0485.



This preview shows how white text looks on a background with the Hex color CA0485.

# 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**  
CA0485



**Protanomaly**  
7544A9



**Deuteranomaly**  
8F447F



**Tritanomaly**  
C72353

# Monochromacy



**Original Color**  
CA0485



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
7B3362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA0485 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 #CA0485 looks like.

```
.text, #text, p{  
    color:#CA0485  
}
```

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 #CA0485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA0485
}
```

## Border

The CSS property to change the border of an element to Hex CA0485 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
#CA0485 }
```

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

```
.border{ border-color:#CA0485 }
```

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

Here you see how a box with a 4 pixel #CA0485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA0485; -webkit-box-shadow:4px 4px  
4px 4px #CA0485; box-shadow:4px 4px 4px  
4px #CA0485 }
```

# Background

The CSS property to change the background color of an element to Hex CA0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA0485 }
```

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

```
.background{ background-color:#CA0485 }
```

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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