

Converting Colors

Hex(CA0085)

Have a look what the booklet for
Hex(CA0085) contains.

Hex(CA0085)	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(CA0085)

Conversions

Conversions Part 1

Format	Color
Hex	CA0085
RGB	202, 0, 133
RGB Percent	79%, 0%, 52%
CMY	0.2078, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.34, 0.21
HSL	320°, 100%, 40%
HSV	320°, 100%, 79%
XYZ	28.5908, 14.2500, 23.4339
YIQ	75.5600, 77.6990, 84.1870

Conversions

Conversions Part 2

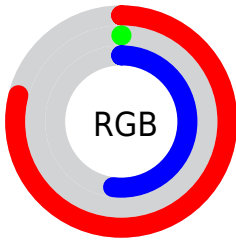
Format	Color
R_{YB}	202, 0, 133
Decimal	13238405
CIE _{Lab}	44.59, 73.86, -15.39
CIE _{LCh}	45, 75.442, 348.228
Yxy	14.2500, 0.4314, 0.2150
Android (android.graphics.Color)	4291428485 (0xFFCA0085)
YUV	75.5600, 28.3179, 110.8879
Hunter-Lab	37.7492, 69.1326, -10.3816

Details

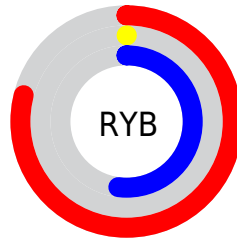
The Hex color **CA0085** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **00CA45**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF59BA**, and **8E0053** is the 20% darker color. If you saturate the color by 10%, you get **CA0085**, and if you desaturate by 10%, it is **CA148C**.

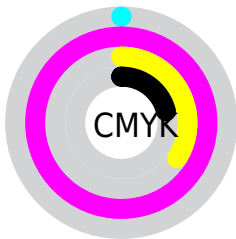
Distribution



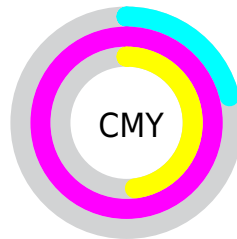
- Red (79%)
- Green (0%)
- Blue (52%)



- Red (79%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA0085 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 CA0085 by changing the saturation by 10% instead.

 CA0085

 CA0085

FFFFFF

 AC006C

 FF59BA

 8E0053

 FF77D6

 71003C

 FF95F2

 540026

 FFB2FF

 380010

 FFD0FF

 120000

 FFE0FF

 000000

 CA0085

 CA148C

■ CA2893

■ CA3D9A

■ CA51A1

■ CA65A8

■ CA79AE

■ CA8DB5

■ CAA2BC

■ CAB6C3

Harmonies

Analogous

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



9941BE



CA0085



D30047

Triad

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



CA0085



5D7200



0082C7

Complementary

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



CA0085



00CA45

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.



00848F



CA0085



007D00

Square

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



CA0085



955E00



00824E



0079E6

Rectangle

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



CA0085



C82D1D



00824E



0083B7

Sweetspot

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



CA0085



FFB3E5



4300CA



805270



000000



808080

Same Dimension

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



CA0085



FF00A8



CA0022



665C63



A6006D



260019

Inverse Universe

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



CA0085



FF00A8



00CAA8



665C63



A6006D



260019

Previews

White Background



This preview shows how the Hex color CA0085 looks on a white background.

Color Contrast Check

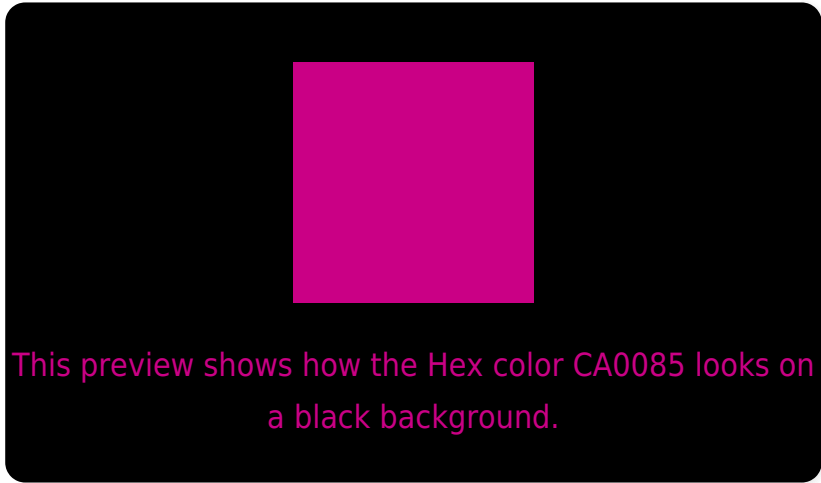
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA0085 Background



This preview shows how black text looks on a background with the Hex color CA0085.



This preview shows how white text looks on a background with the Hex color CA0085.

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
CA0085



Protanomaly
7543A9



Deuteranomaly
8F437F

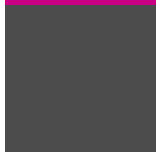


Tritanomaly
C72253

Monochromacy



Original Color
CA0085



Achromatopsia
4C4C4C



Achromatomaly
7A3061

CSS Examples

Text

The CSS property to change the color of the text to Hex CA0085 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 #CA0085 looks like.

```
.text, #text, p{  
    color:#CA0085  
}
```

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 #CA0085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA0085
}
```

Border

The CSS property to change the border of an element to Hex CA0085 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
#CA0085 }
```

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

```
.border{ border-color:#CA0085 }
```

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

Here you see how a box with a 4 pixel #CA0085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA0085; -webkit-box-shadow:4px 4px  
4px 4px #CA0085; box-shadow:4px 4px 4px  
4px #CA0085 }
```

Background

The CSS property to change the background color of an element to Hex CA0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA0085 }
```

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

```
.background{ background-color:#CA0085 }
```

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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