

Converting Colors

Hex(CA3B86)

Have a look what the booklet for
Hex(CA3B86) contains.

Hex(CA3B86)	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(CA3B86)

Conversions

Conversions Part 1

Format	Color
Hex	CA3B86
RGB	202, 59, 134
RGB Percent	79%, 23%, 53%
CMY	0.2078, 0.7686, 0.4745
CMYK	0.00, 0.71, 0.34, 0.21
HSL	329°, 57%, 51%
HSV	329°, 71%, 79%
XYZ	30.2242, 17.4057, 24.3209
YIQ	110.3070, 61.1530, 53.6410

Conversions

Conversions Part 2

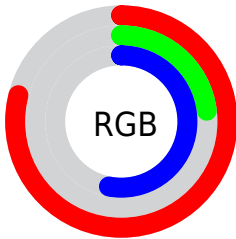
Format	Color
R_{YB}	202, 59, 134
Decimal	13253510
CIE _{Lab}	48.77, 62.11, -9.68
CIE _{LCh}	49, 62.859, 351.140
Yxy	17.4057, 0.4201, 0.2419
Android (android.graphics.Color)	4291443590 (0xFFCA3B86)
YUV	110.3070, 11.6806, 80.4148
Hunter-Lab	41.7202, 56.3040, -5.3592

Details

The Hex color **CA3B86** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **3BCA7F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF75BB**, and **8F0054** is the 20% darker color. If you saturate the color by 10%, you get **CA277C**, and if you desaturate by 10%, it is **CA4F90**.

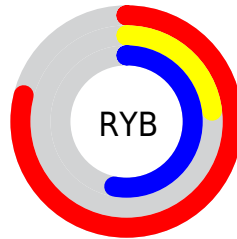
Distribution



Red (79%)

Green (23%)

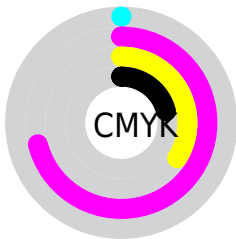
Blue (53%)



Red (79%)

Yellow (23%)

Blue (53%)

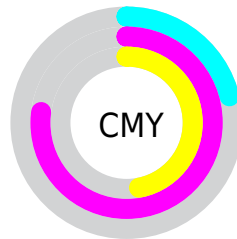


Cyan (0%)

Magenta (71%)

Yellow (34%)

Black (21%)



Cyan (21%)

Magenta (77%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA3B86 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 CA3B86 by changing the saturation by 10% instead.

CA3B86

CA3B86

FFFFFF

AC176D

FF75BB

8F0054

FF91D7

73003D

FFAEF3

560027

FFCBFF

3D0013

FFE8FF

1B0001

000000

CA3B86

CA3B86

CA277C

CA4F90

■ CA1373

■ CA6399

■ CA006A

■ CA78A3

■ CA8CAC

■ CAA0B6

■ CAB4C0

■ CAC8C9

■ CADDD3

■ CAF1DC

Harmonies

Analogous

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



A353B7



CA3B86



D13D51

Triad

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



CA3B86



687C00



0089C6

Complementary

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



CA3B86



3BCA7F

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.



008C99



CA3B86



15862B

Square

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



CA3B86



996C00



008B62



007FDE

Rectangle

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



CA3B86



C64C30



008B62



008AB9

Sweetspot

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



CA3B86



FFC9E6



7E3BCA



806070



000000



808080

Same Dimension

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



CA3B86



FF2698



CA3B40



665C61



A60057



260014

Inverse Universe

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



CA3B86



FF2698



3BCAC5



665C61



A60057



260014

Previews

White Background



This preview shows how the Hex color CA3B86 looks on a white background.

Color Contrast Check

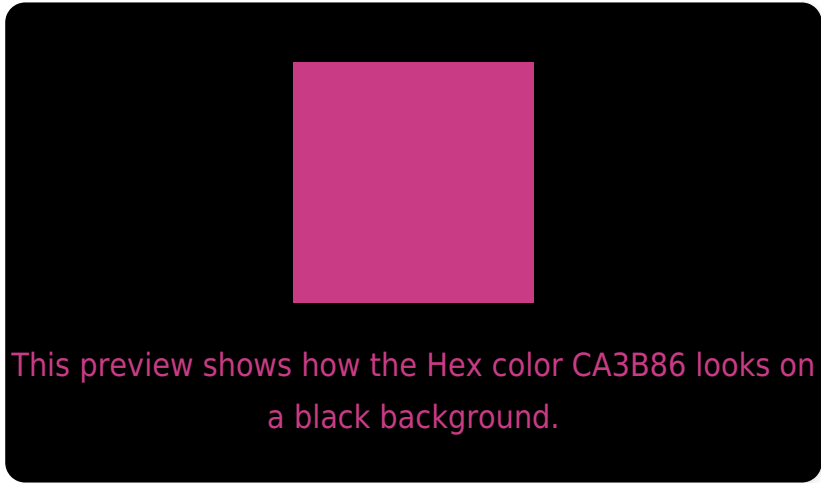
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA3B86 Background



This preview shows how black text looks on a background with the Hex color CA3B86.



This preview shows how white text looks on a background with the Hex color CA3B86.

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
C64A4E

Trichromacy



Original Color
CA3B86



Protanomaly
875F9E



Deuteranomaly
985D82

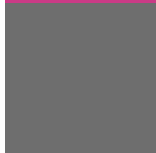


Tritanomaly
C74562

Monochromacy



Original Color
CA3B86



Achromatopsia
6E6E6E



Achromatomaly
8F5B77

CSS Examples

Text

The CSS property to change the color of the text to Hex CA3B86 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 #CA3B86 looks like.

```
.text, #text, p{  
    color:#CA3B86  
}
```

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 #CA3B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3B86  
}
```

Border

The CSS property to change the border of an element to Hex CA3B86 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  
#CA3B86 }
```

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

```
.border{ border-color:#CA3B86 }
```

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

Here you see how a box with a 4 pixel #CA3B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3B86; -webkit-box-shadow:4px 4px  
4px 4px #CA3B86; box-shadow:4px 4px 4px  
4px #CA3B86 }
```

Background

The CSS property to change the background color of an element to Hex CA3B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3B86 }
```

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

```
.background{ background-color:#CA3B86 }
```

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