

# Converting Colors

Hex(CA3C7E)

Have a look what the booklet for  
Hex(CA3C7E) contains.

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# Color

Hex(CA3C7E)

# Conversions

## Conversions Part 1

Format	Color
Hex	CA3C7E
RGB	202, 60, 126
RGB Percent	79%, 24%, 49%
CMY	0.2078, 0.7647, 0.5059
CMYK	0.00, 0.70, 0.38, 0.21
HSL	332°, 57%, 51%
HSV	332°, 70%, 79%
XYZ	29.7389, 17.2946, 21.5094
YIQ	109.9820, 63.4460, 50.6300

# Conversions

## Conversions Part 2

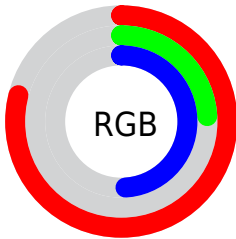
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 60, 126
Decimal	13253758
CIE <sub>Lab</sub>	48.63, 60.87, -5.05
CIE <sub>LCh</sub>	49, 61.077, 355.256
Yxy	17.2946, 0.4339, 0.2523
Android (android.graphics.Color)	4291443838 (0xFFCA3C7E)
YUV	109.9820, 7.8969, 80.6998
Hunter-Lab	41.5868, 54.8690, -1.5551

# Details

The Hex color **CA3C7E** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **3CCA88**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF76B3**, and **8F004D** is the 20% darker color. If you saturate the color by 10%, you get **CA2873**, and if you desaturate by 10%, it is **CA5089**.

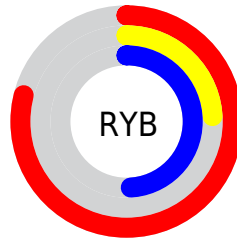
# Distribution



Red (79%)

Green (24%)

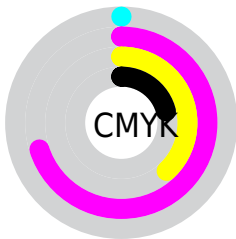
Blue (49%)



Red (79%)

Yellow (24%)

Blue (49%)

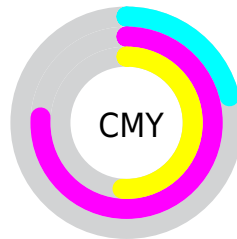


Cyan (0%)

Magenta (70%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA3C7E 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 CA3C7E by changing the saturation by 10% instead.



 CA3C7E

 CA3C7E

FFFFFF

 AC1965

 FF76B3

 8F004D

 FF92CE

 720037

 FFAEEA

 560021

 FFCBFF

 3D0009

 FFE8FF

 180001

 000000

 CA3C7E

 CA3C7E

 CA2873

 CA5089

■ CA1468

■ CA6494

■ CA005E

■ CA799E

■ CA8DA9

■ CAA1B4

■ CAB5BF

■ CAC9CA

■ CADED4

■ CAF2DF

# Harmonies

## Analogous

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



A950AF



CA3C7E



CD424B

# Triad

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



CA3C7E



617D00



0087C8

# Complementary

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



CA3C7E



3CCA88

# 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.



008B9E



CA3C7E



008634

# Square

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



CA3C7E



926E00



008A69



007CDB

# Rectangle

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



CA3C7E



C1502B



008A69



0089BC



# Sweetspot

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



CA3C7E



FFC9E2



883CCA



80606E



000000



808080



# Same Dimension

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



CA3C7E



FF298C



CA413C



665C61



A6004D



260012



# Inverse Universe

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



CA3C7E



FF298C



3CC5CA



665C61



A6004D



260012



# Previews

## White Background



This preview shows how the Hex color CA3C7E looks on a white background.

## Color Contrast Check

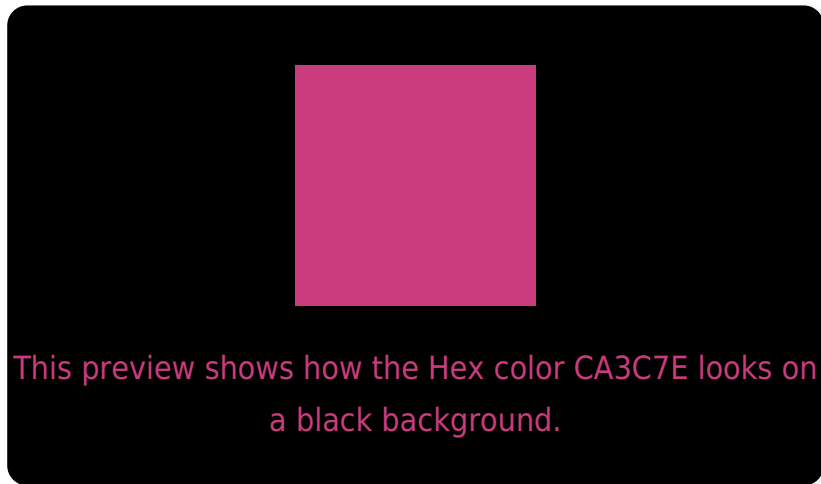
Large Text (above 18pt) WCAG AA ✓ Pass

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

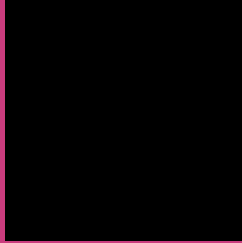
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA3C7E Background



This preview shows how black text looks on a background with the Hex color CA3C7E.




This preview shows how white text looks on a background with the Hex color CA3C7E.

# 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](#).

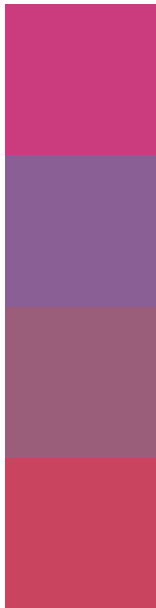
## Dichromacy





**Tritanopia**  
C7484D

# Trichromacy



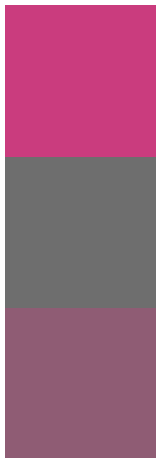
**Original Color**  
CA3C7E

**Protanomaly**  
8A5F95

**Deuteranomaly**  
9A5E7A

**Tritanomaly**  
C8445F

# Monochromacy



**Original Color**  
CA3C7E

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
8F5C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA3C7E 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 #CA3C7E looks like.

```
.text, #text, p{  
    color:#CA3C7E  
}
```

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 #CA3C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA3C7E
}
```

## Border

The CSS property to change the border of an element to Hex CA3C7E 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
#CA3C7E }
```

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

```
.border{ border-color:#CA3C7E }
```

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

Here you see how a box with a 4 pixel #CA3C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA3C7E; -webkit-box-shadow:4px 4px  
4px 4px #CA3C7E; box-shadow:4px 4px 4px  
4px #CA3C7E }
```

# Background

The CSS property to change the background color of an element to Hex CA3C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA3C7E }
```

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

```
.background{ background-color:#CA3C7E }
```

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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