

# Converting Colors

Hex(CA1A7E)

Have a look what the booklet for  
Hex(CA1A7E) contains.

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# Color

**Hex(CA1A7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA1A7E
RGB	202, 26, 126
RGB Percent	79%, 10%, 49%
CMY	0.2078, 0.8980, 0.5059
CMYK	0.00, 0.87, 0.38, 0.21
HSL	326°, 77%, 45%
HSV	326°, 87%, 79%
XYZ	28.4924, 14.8017, 21.0940
YIQ	90.0240, 72.7960, 68.4120

# Conversions

## Conversions Part 2

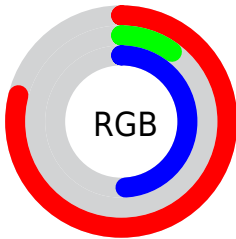
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 26, 126
Decimal	13245054
CIE <sub>Lab</sub>	45.36, 70.14, -9.93
CIE <sub>LCh</sub>	45, 70.842, 351.942
Yxy	14.8017, 0.4425, 0.2299
Android (android.graphics.Color)	4291435134 (0xFFCA1A7E)
YUV	90.0240, 17.7362, 98.2030
Hunter-Lab	38.4730, 64.8662, -5.5764

# Details

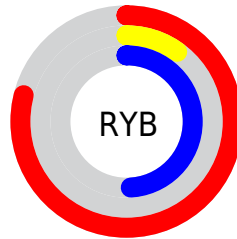
The Hex color **CA1A7E** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **1ACA66**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60B3**, and **8E004D** is the 20% darker color. If you saturate the color by 10%, you get **CA0675**, and if you desaturate by 10%, it is **CA2E87**.

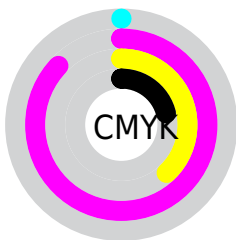
# Distribution



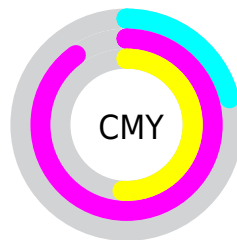
- Red (79%)
- Green (10%)
- Blue (49%)



- Red (79%)
- Yellow (10%)
- Blue (49%)



- Cyan (0%)
- Magenta (87%)
- Yellow (38%)
- Black (21%)



- Cyan (21%)
- Magenta (90%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA1A7E 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 CA1A7E by changing the saturation by 10% instead.



CA1A7E

CA1A7E

FFFFFF

AC0065

FF60B3

8E004D

FF7ECE

710036

FF9BEA

540021

FFB8FF

390007

FFD6FF

110000

FFF3FF

000000

CA1A7E

CA1A7E

CA0675

CA2E87

■ CA0073

■ CA428F

■ CA5798

■ CA6BA1

■ CA7FAA

■ CA93B2

■ CAA7BB

■ CABCC4

■ CAD0CD

# Harmonies

## Analogous

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



A142B5



CA1A7E



CF2143

# Triad

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



CA1A7E



597500



0082C9

# Complementary

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



CA1A7E



1ACA66

# 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.



008596



CA1A7E



007F16

# Square

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



CA1A7E



906300



008359



0078E2

# Rectangle

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



CA1A7E



C33B1D



008359



0083BA



# Sweetspot

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



CA1A7E



FFBDE2



631ACA



80586E



000000



808080



# Same Dimension

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



CA1A7E



FF0091



CA1A29



665C62



A6005E



260016



# Inverse Universe

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



CA1A7E



FF0091



1ACABB



665C62



A6005E



260016



# Previews

## White Background



This preview shows how the Hex color CA1A7E looks on a white background.

## Color Contrast Check

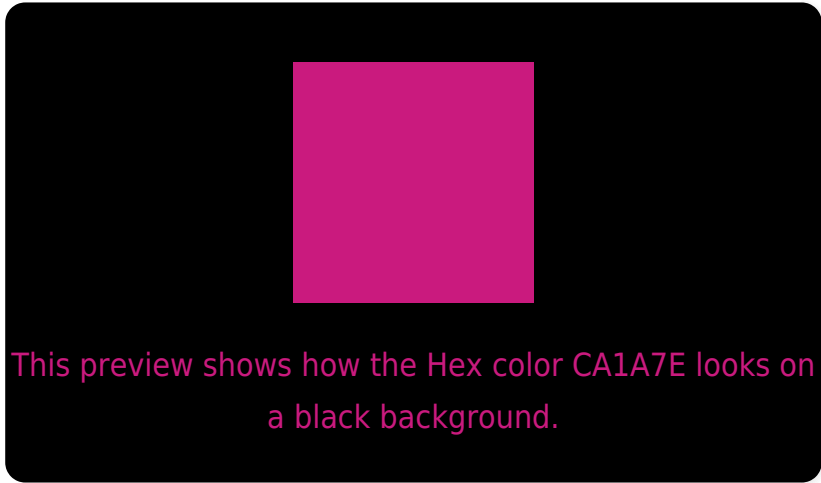
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1A7E Background



This preview shows how black text looks on a background with the Hex color CA1A7E.

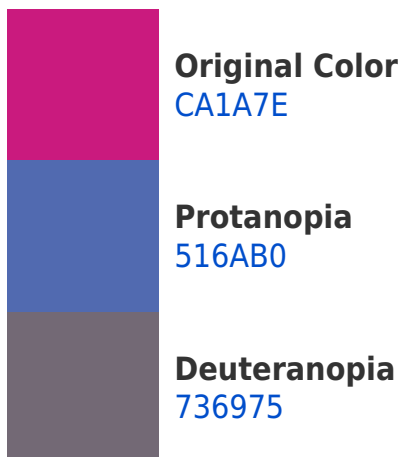



This preview shows how white text looks on a background with the Hex color CA1A7E.

# 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**  
C63638

# Trichromacy



**Original Color**  
CA1A7E



**Protanomaly**  
7D4D9E



**Deuteranomaly**  
934C78

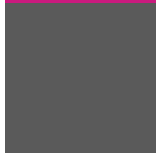


**Tritanomaly**  
C72C51

# Monochromacy



**Original Color**  
CA1A7E



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
834367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA1A7E 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 #CA1A7E looks like.

```
.text, #text, p{  
    color:#CA1A7E  
}
```

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 #CA1A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1A7E
}
```

## Border

The CSS property to change the border of an element to Hex CA1A7E 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
#CA1A7E }
```

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

```
.border{ border-color:#CA1A7E }
```

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

Here you see how a box with a 4 pixel #CA1A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1A7E; -webkit-box-shadow:4px 4px  
4px 4px #CA1A7E; box-shadow:4px 4px 4px  
4px #CA1A7E }
```

# Background

The CSS property to change the background color of an element to Hex CA1A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1A7E }
```

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

```
.background{ background-color:#CA1A7E }
```

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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