

Converting Colors

Hex(CA1A7C)

Have a look what the booklet for
Hex(CA1A7C) contains.

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Color

Hex(CA1A7C)

Conversions

Conversions Part 1

Format	Color
Hex	CA1A7C
RGB	202, 26, 124
RGB Percent	79%, 10%, 49%
CMY	0.2078, 0.8980, 0.5137
CMYK	0.00, 0.87, 0.39, 0.21
HSL	327°, 77%, 45%
HSV	327°, 87%, 79%
XYZ	28.3646, 14.7506, 20.4209
YIQ	89.7960, 73.4380, 67.7900

Conversions

Conversions Part 2

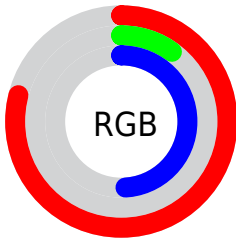
Format	Color
R_{YB}	202, 26, 124
Decimal	13245052
CIE _{Lab}	45.29, 69.95, -8.81
CIE _{LCh}	45, 70.499, 352.823
Yxy	14.7506, 0.4464, 0.2322
Android (android.graphics.Color)	4291435132 (0xFFCA1A7C)
YUV	89.7960, 16.8626, 98.4029
Hunter-Lab	38.4065, 64.6175, -4.6403

Details

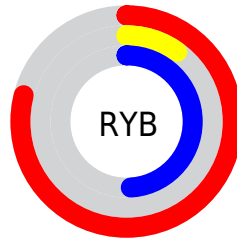
The Hex color **CA1A7C** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1ACA68**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60B0**, and **8E004B** is the 20% darker color. If you saturate the color by 10%, you get **CA0673**, and if you desaturate by 10%, it is **CA2E85**.

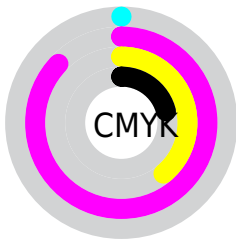
Distribution



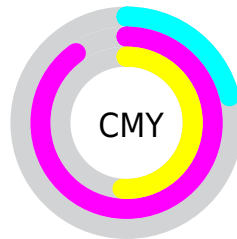
- Red (79%)
- Green (10%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (87%)
- Yellow (39%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CA1A7C 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 CA1A7C by changing the saturation by 10% instead.

CA1A7C

CA1A7C

FFFFFF

AC0063

FF60B0

8E004B

FF7ECC

710035

FF9BE8

540020

FFB8FF

390004

FFD5FF

100000

FFF3FF

000000

CA1A7C

CA1A7C

CA0673

CA2E85

■ CA0070

■ CA428E

■ CA5797

■ CA6BA0

■ CA7FA9

■ CA93B2

■ CAA7BB

■ CABCC4

■ CAD0CD

Harmonies

Analogous

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



A241B3



CA1A7C



CE2342

Triad

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



CA1A7C



577500



0081C9

Complementary

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



CA1A7C



1ACA68

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.



008498



CA1A7C



007F19

Square

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



CA1A7C



8E6400



00835B



0077E1

Rectangle

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



CA1A7C



C23C1B



00835B



0083BB

Sweetspot

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



CA1A7C



FFBDE2



661ACA



80586E



000000



808080

Same Dimension

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



CA1A7C



FF008E



CA1A26



665C61



A6005C



260015

Inverse Universe

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



CA1A7C



FF008E



1ACABE



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color CA1A7C looks on a white background.

Color Contrast Check

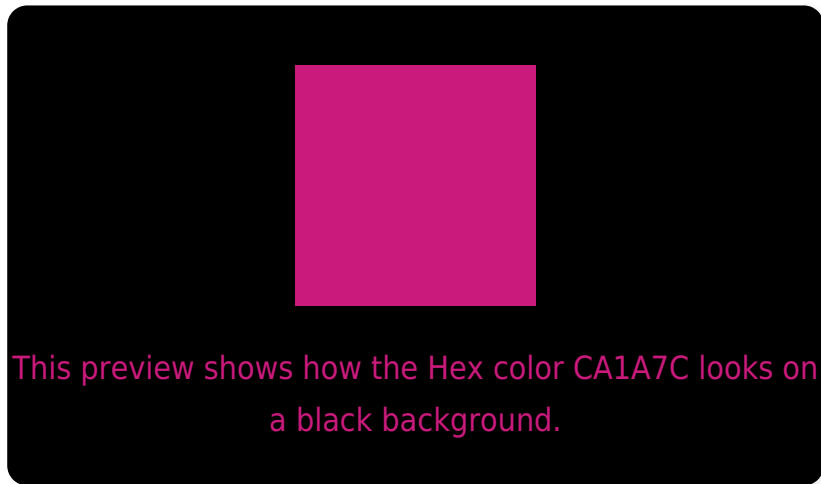
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA1A7C Background



This preview shows how black text looks on a background with the Hex color CA1A7C.

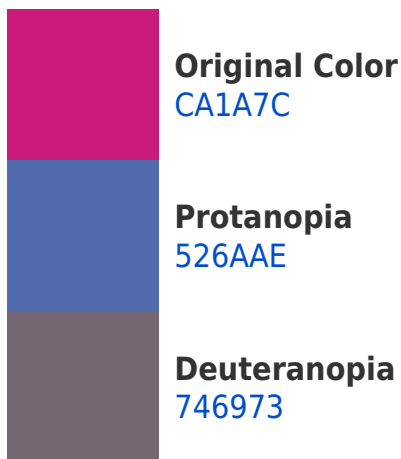


This preview shows how white text looks on a background with the Hex color CA1A7C.

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
CA1A7C



Protanomaly
7E4D9C



Deuteranomaly
934C76

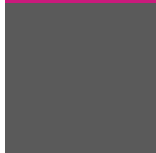


Tritanomaly
C72B51

Monochromacy



Original Color
CA1A7C



Achromatopsia
5A5A5A



Achromatomaly
834366

CSS Examples

Text

The CSS property to change the color of the text to Hex CA1A7C 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 #CA1A7C looks like.

```
.text, #text, p{  
    color:#CA1A7C  
}
```

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 #CA1A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA1A7C
}
```

Border

The CSS property to change the border of an element to Hex CA1A7C 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
#CA1A7C }
```

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

```
.border{ border-color:#CA1A7C }
```

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

Here you see how a box with a 4 pixel #CA1A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA1A7C; -webkit-box-shadow:4px 4px  
4px 4px #CA1A7C; box-shadow:4px 4px 4px  
4px #CA1A7C }
```

Background

The CSS property to change the background color of an element to Hex CA1A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA1A7C }
```

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

```
.background{ background-color:#CA1A7C }
```

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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