

# Converting Colors

Hex(CA7297)

Have a look what the booklet for  
Hex(CA7297) contains.

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# **Color**

**Hex(CA7297)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA7297
RGB	202, 114, 151
RGB Percent	79%, 45%, 59%
CMY	0.2078, 0.5529, 0.4078
CMYK	0.00, 0.44, 0.25, 0.21
HSL	335°, 45%, 62%
HSV	335°, 44%, 79%
XYZ	35.9603, 26.8255, 32.5607
YIQ	144.5300, 40.5710, 30.1630

# Conversions

## Conversions Part 2

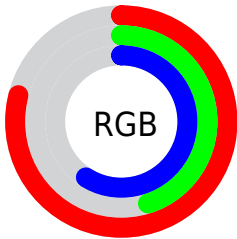
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 114, 151
Decimal	13267607
CIE Lab	58.81, 39.16, -4.76
CIE LCh	59, 39.451, 353.074
Yxy	26.8255, 0.3772, 0.2813
Android (android.graphics.Color)	4291457687 (0xFFCA7297)
YUV	144.5300, 3.1897, 50.4012
Hunter-Lab	51.7934, 33.2948, -1.0182

# Details

The Hex color **CA7297** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72CAA5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA8CD**, and **923F64** is the 20% darker color. If you saturate the color by 10%, you get **CA5E8B**, and if you desaturate by 10%, it is **CA86A3**.

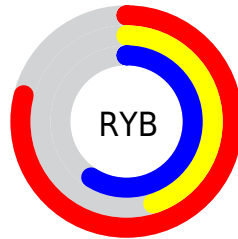
# Distribution



Red (79%)

Green (45%)

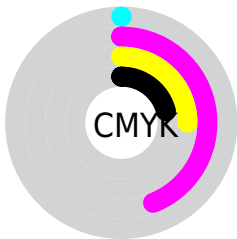
Blue (59%)



Red (79%)

Yellow (45%)

Blue (59%)

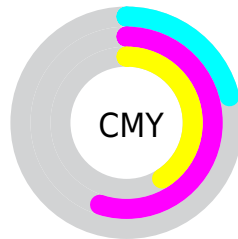


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (21%)



Cyan (21%)

Magenta (55%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA7297 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 CA7297 by changing the saturation by 10% instead.





CA7297



CA7297

FFFFFF



AE587D



FFA8CD



923F64



FFC3E9



77254C



FFE0FF



5C0836



FFFDFF



420020



2D0008



000000



CA7297



CA7297



CA5E8B



CA86A3

CA4A80

CA9AAE

CA3574

CAAFBA

CA2168

CAC3C6

CA0D5C

CAD7D2

CA0055

CAEBDD

CAFFE9

CAFFF5

CAFFFF

# Harmonies

## Analogous

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



B17BB7



CA7297



CF7374

# Triad

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



CA7297



88944C



009BC4

# Complementary

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



CA7297



72CAA5

# 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.



009FA7



CA7297



5F9B63

# Square

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



CA7297



AA8948



249F84



4293D2

# Rectangle

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



CA7297



C97960



249F84



009DBC



# Sweetspot

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



CA7297



FFDEEC



A472CA



806B74



000000



808080



# Same Dimension

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



CA7297



FF7AB2



CA7872



665C60



A60046



260010



# Inverse Universe

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



CA7297



FF7AB2



72C4CA



665C60



A60046



260010



# Previews

## White Background



This preview shows how the Hex color CA7297 looks on a white background.

## Color Contrast Check

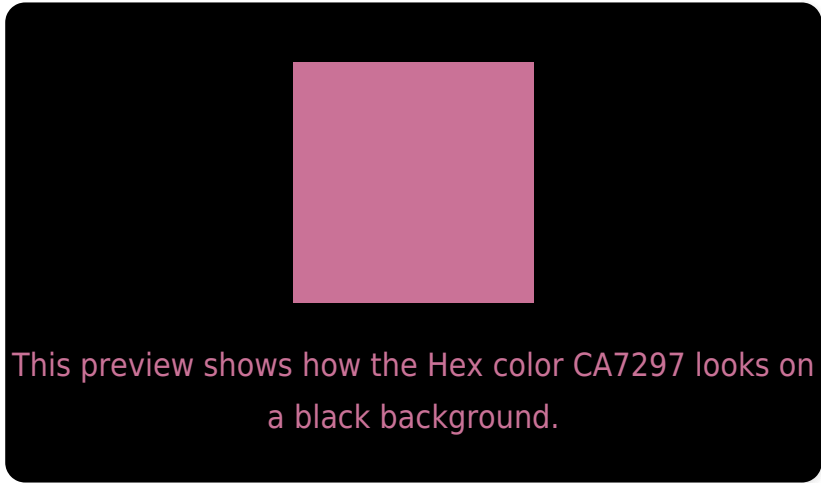
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex CA7297 Background



This preview shows how black text looks on a background with the Hex color CA7297.




This preview shows how white text looks on a background with the Hex color CA7297.

# 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**  
C8767F

# Trichromacy



**Original Color**  
CA7297



**Protanomaly**  
A083A2



**Deuteranomaly**  
AB8194

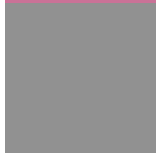


**Tritanomaly**  
C97588

# Monochromacy



**Original Color**  
CA7297



**Achromatopsia**  
919191



**Achromatomaly**  
A68693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA7297 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 #CA7297 looks like.

```
.text, #text, p{  
    color:#CA7297  
}
```

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 #CA7297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7297
}
```

## Border

The CSS property to change the border of an element to Hex CA7297 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
#CA7297 }
```

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

```
.border{ border-color:#CA7297 }
```

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

Here you see how a box with a 4 pixel #CA7297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7297; -webkit-box-shadow:4px 4px  
4px 4px #CA7297; box-shadow:4px 4px 4px  
4px #CA7297 }
```

# Background

The CSS property to change the background color of an element to Hex CA7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7297 }
```

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

```
.background{ background-color:#CA7297 }
```

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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