

# Converting Colors

Hex(CB297A)

Have a look what the booklet for  
Hex(CB297A) contains.

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# Color

**Hex(CB297A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB297A
RGB	203, 41, 122
RGB Percent	80%, 16%, 48%
CMY	0.2039, 0.8392, 0.5216
CMYK	0.00, 0.80, 0.40, 0.20
HSL	330°, 66%, 48%
HSV	330°, 80%, 80%
XYZ	28.9344, 15.6875, 19.9153
YIQ	98.6720, 70.5510, 59.5350

# Conversions

## Conversions Part 2

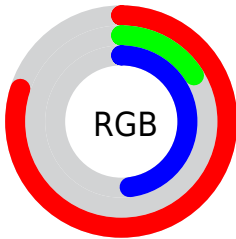
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 41, 122
Decimal	13314426
CIE <sub>Lab</sub>	46.56, 66.69, -5.66
CIE <sub>LCh</sub>	47, 66.930, 355.146
Yxy	15.6875, 0.4483, 0.2431
Android (android.graphics.Color)	4291504506 (0xFFFCB297A)
YUV	98.6720, 11.5007, 91.4957
Hunter-Lab	39.6075, 61.0862, -2.0868

# Details

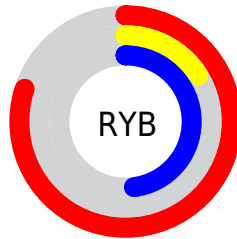
The Hex color **CB297A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **29CB7A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF68AE**, and **8F004A** is the 20% darker color. If you saturate the color by 10%, you get **CB1570**, and if you desaturate by 10%, it is **CB3D84**.

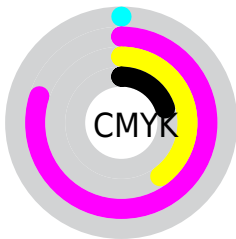
# Distribution



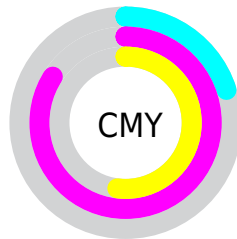
- Red (80%)
- Green (16%)
- Blue (48%)



- Red (80%)
- Yellow (16%)
- Blue (48%)



- Cyan (0%)
- Magenta (80%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB297A 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 CB297A by changing the saturation by 10% instead.



 CB297A

 CB297A

FFFFFF

 AD0061

 FF68AE

 8F004A

 FF85CA

 720033

 FFA2E6

 55001E

 FFBFFF

 3B0002

 FFD0FF

 140000

 FFFAFF

 000000

 CB297A

 CB297A

 CB1570

 CB3D84

 CB0066

 CB528E

 CB6698

 CB7AA3

 CB8FAD

 CBA3B7

 CBB7C1

 CBCBCB

 CBE0D5

# Harmonies

## Analogous

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



A845AF



CB297A



CD3243

# Triad

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



CB297A



587900



0083CA

# Complementary

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



CB297A



29CB7A

# 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.



00879D



CB297A



008227

# Square

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



CB297A



8D6900



008663



0078DF

# Rectangle

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



CB297A



C0461E



008663



0085BD



# Sweetspot

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



CB297A



FFC2E0



7A29CB



805B6D



000000



808080



# Same Dimension

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



CB297A



FF0A85



CB2929



665C61



A60053



260013



# Inverse Universe

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



CB297A



FF0A85



29CBCB



665C61



A60053



260013



# Previews

## White Background



This preview shows how the Hex color CB297A looks on a white background.

## Color Contrast Check

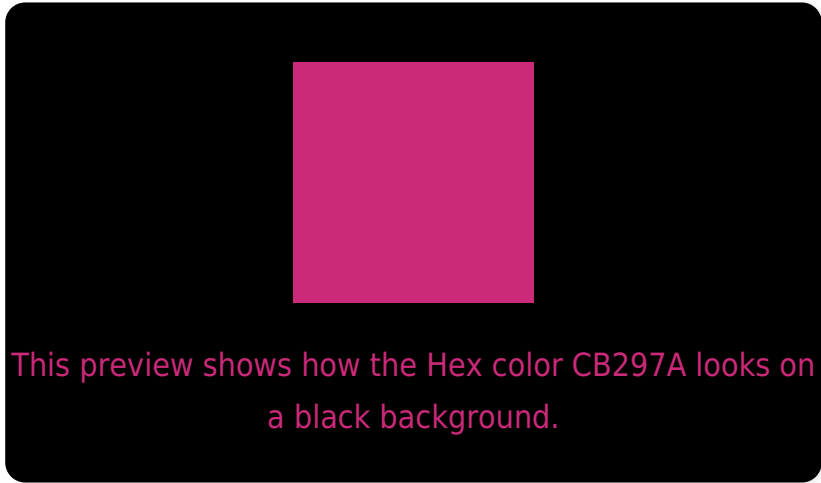
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB297A Background



This preview shows how black text looks on a background with the Hex color CB297A.

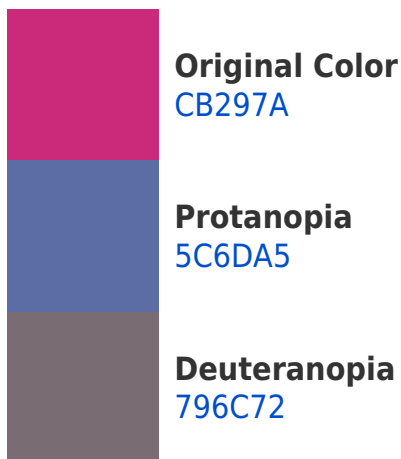


This preview shows how white text looks on a background with the Hex color CB297A.

# 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](#).

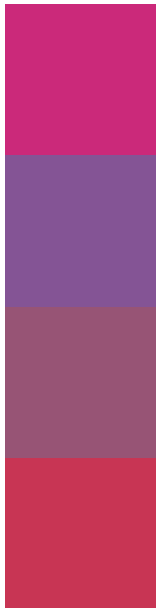
## Dichromacy





**Tritanopia**  
C73C3E

# Trichromacy



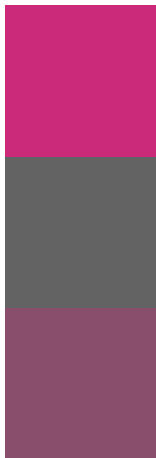
**Original Color**  
CB297A

**Protanomaly**  
845495

**Deuteranomaly**  
975475

**Tritanomaly**  
C83554

# Monochromacy



**Original Color**  
CB297A

**Achromatopsia**  
636363

**Achromatomaly**  
894E6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB297A 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 #CB297A looks like.

```
.text, #text, p{  
    color:#CB297A  
}
```

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 #CB297A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB297A
}
```

## Border

The CSS property to change the border of an element to Hex CB297A 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
#CB297A }
```

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

```
.border{ border-color:#CB297A }
```

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

Here you see how a box with a 4 pixel #CB297A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB297A; -webkit-box-shadow:4px 4px  
4px 4px #CB297A; box-shadow:4px 4px 4px  
4px #CB297A }
```

# Background

The CSS property to change the background color of an element to Hex CB297A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB297A }
```

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

```
.background{ background-color:#CB297A }
```

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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