

# Converting Colors

Hex(C4299C)

Have a look what the booklet for  
Hex(C4299C) contains.

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# Color

Hex(C4299C)

# Conversions

## Conversions Part 1

Format	Color
Hex	C4299C
RGB	196, 41, 156
RGB Percent	77%, 16%, 61%
CMY	0.2314, 0.8392, 0.3882
CMYK	0.00, 0.79, 0.20, 0.23
HSL	315°, 65%, 46%
HSV	315°, 79%, 77%
XYZ	29.5586, 15.7219, 32.9292
YIQ	100.4550, 55.4650, 68.6250

# Conversions

## Conversions Part 2

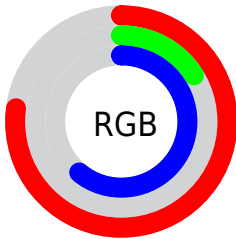
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 41, 156
Decimal	12855708
CIE <sub>Lab</sub>	46.61, 68.89, -26.30
CIE <sub>LCh</sub>	47, 73.745, 339.104
Yxy	15.7219, 0.3779, 0.2010
Android (android.graphics.Color)	4291045788 (0xFFC4299C)
YUV	100.4550, 27.3837, 83.7930
Hunter-Lab	39.6509, 63.6777, -21.4834

# Details

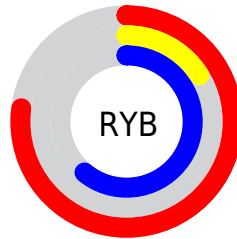
The Hex color **C4299C** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **29C451**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF68D3**, and **8A0068** is the 20% darker color. If you saturate the color by 10%, you get **C41597**, and if you desaturate by 10%, it is **C43DA1**.

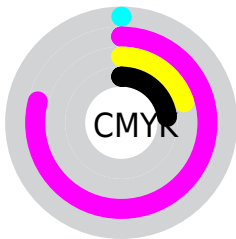
# Distribution



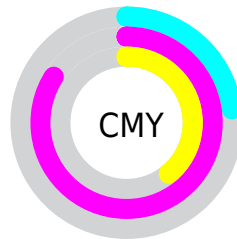
- Red (77%)
- Green (16%)
- Blue (61%)



- Red (77%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (84%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4299C 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 C4299C by changing the saturation by 10% instead.



 C4299C

 C4299C

FFFFFF

 A70082

 FF68D3

 8A0068

 FF85EF

 6D0050

 FFA2FF

 510039

 FFBFFF

 370023

 FFDDFF

 150008

 FFFAFF

 000000

 C4299C

 C4299C

 C41597

 C43DA1

 C40292

 C450A6

 C40091

 C464AB

 C477B0

 C48BB5

 C49FBA

 C4B2BF

 C4C6C4

 C4D9CA

# Harmonies

## Analogous

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



8553D0



C4299C



D80B5F

# Triad

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



C4299C



767200



0088BC

# Complementary

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



C4299C



29C451

# 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.



008980



C4299C



2B7F00

# Square

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



C4299C



A95B00



00863F



0081E3

# Rectangle

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



C4299C



D32937



00863F



0088AA



# Sweetspot

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



C4299C



FFC2EF



5029C4



805B76



000000



808080



# Same Dimension

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



C4299C



FF0DC0



C42950



61575E



A10077



210019



# Inverse Universe

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



C4299C



FF0DC0



29C49D



61575E



A10077



210019



# Previews

## White Background



This preview shows how the Hex color C4299C looks on a white background.

## Color Contrast Check

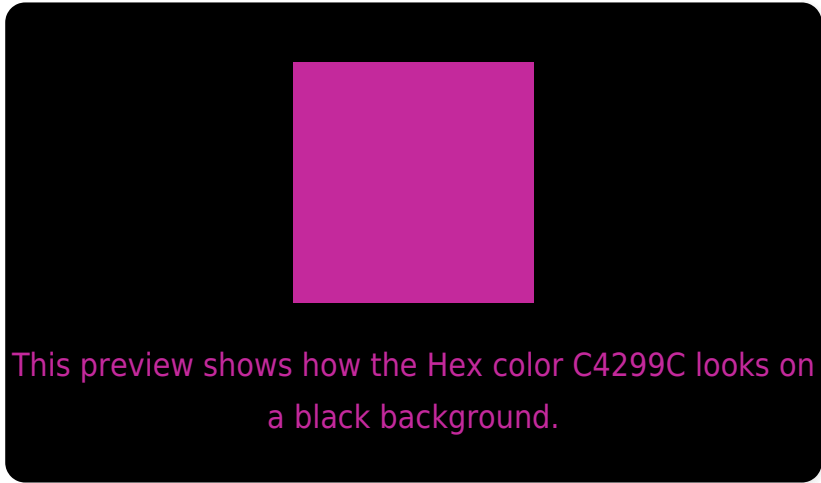
Large Text (above 18pt) WCAG AA ✓ Pass

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

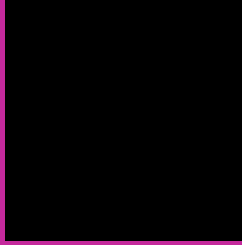
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C4299C Background



This preview shows how black text looks on a background with the Hex color C4299C.




This preview shows how white text looks on a background with the Hex color C4299C.

# 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**  
BD464B

# Trichromacy



**Original Color**  
C4299C



**Protanomaly**  
6C54BE



**Deuteranomaly**  
895596



**Tritanomaly**  
C03B68

# Monochromacy



**Original Color**  
C4299C



**Achromatopsia**  
646464



**Achromatomaly**  
874F78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4299C 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 #C4299C looks like.

```
.text, #text, p{  
    color:#C4299C  
}
```

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 #C4299C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4299C
}
```

## Border

The CSS property to change the border of an element to Hex C4299C 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
#C4299C }
```

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

```
.border{ border-color:#C4299C }
```

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

Here you see how a box with a 4 pixel #C4299C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4299C; -webkit-box-shadow:4px 4px  
4px 4px #C4299C; box-shadow:4px 4px 4px  
4px #C4299C }
```

# Background

The CSS property to change the background color of an element to Hex C4299C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4299C }
```

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

```
.background{ background-color:#C4299C }
```

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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