

Converting Colors

Hex(C83199)

Have a look what the booklet for
Hex(C83199) contains.

Hex(C83199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C83199)

Conversions

Conversions Part 1

Format	Color
Hex	C83199
RGB	200, 49, 153
RGB Percent	78%, 19%, 60%
CMY	0.2157, 0.8078, 0.4000
CMYK	0.00, 0.76, 0.24, 0.22
HSL	319°, 61%, 49%
HSV	319°, 76%, 78%
XYZ	30.6675, 16.7759, 31.7587
YIQ	106.0050, 56.6120, 64.3560

Conversions

Conversions Part 2

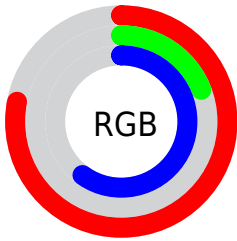
Format	Color
R_{YB}	200, 49, 153
Decimal	13119897
CIE _{Lab}	47.98, 67.18, -22.33
CIE _{LCh}	48, 70.793, 341.611
Yxy	16.7759, 0.3872, 0.2118
Android (android.graphics.Color)	4291309977 (0xFFC83199)
YUV	106.0050, 23.1685, 82.4336
Hunter-Lab	40.9584, 61.9743, -17.3020

Details

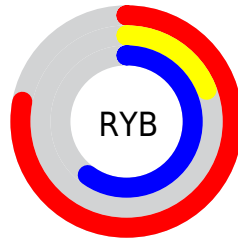
The Hex color **C83199** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **31C860**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6ED0**, and **8E0066** is the 20% darker color. If you saturate the color by 10%, you get **C81D93**, and if you desaturate by 10%, it is **C8459F**.

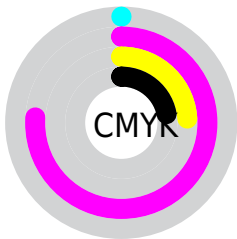
Distribution



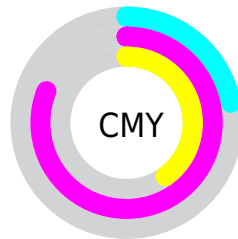
- Red (78%)
- Green (19%)
- Blue (60%)



- Red (78%)
- Yellow (19%)
- Blue (60%)



- Cyan (0%)
- Magenta (76%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (81%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C83199 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 C83199 by changing the saturation by 10% instead.

 C83199

 C83199

FFFFFF

 AB007F

 FF6ED0

 8E0066

 FF8BEC

 71004E

 FFA7FF

 550036

 FFC5FF

 3B0021

 FFE2FF

 1C0005

 000000

 C83199

 C83199

 C81D93

 C8459F

 C8098D

 C859A5

 C8008A

 C86DAC

 C881B2

 C895B8

 C8A9BE

 C8BDC5

 C8D1CB

 C8E5D1

Harmonies

Analogous

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



8F55CC



C83199



D9235D

Triad

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



C83199



757700



008AC1

Complementary

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



C83199



31C860

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.



008C88



C83199



2B8300

Square

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



C83199



A86100



00894A



0083E4

Rectangle

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



C83199



D33637



00894A



008BAF

Sweetspot

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



C83199



FFC4ED



5E31C8



805C74



000000



808080

Same Dimension

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



C83199



FF17B7



C8314F



635A60



A30070



240019

Inverse Universe

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



C83199



FF17B7



31C8AA



635A60



A30070



240019

Previews

White Background



This preview shows how the Hex color C83199 looks on a white background.

Color Contrast Check

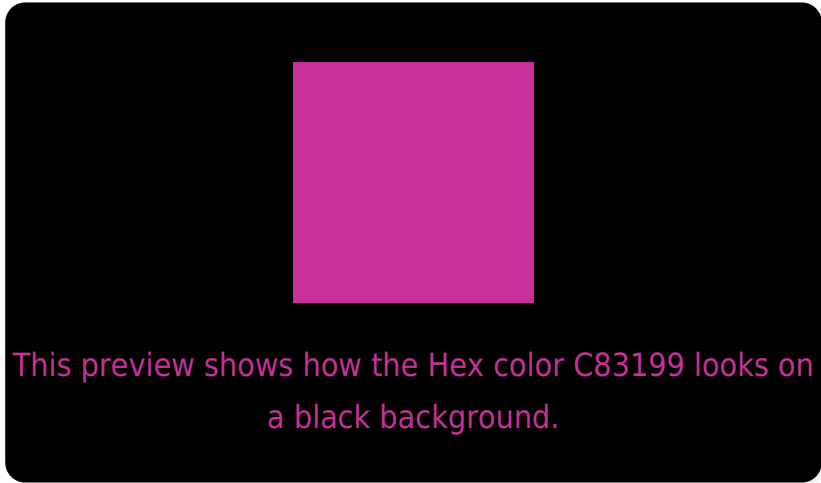
Large Text (above 18pt) WCAG AA ✓ Pass

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 C83199 Background



This preview shows how black text looks on a background with the Hex color C83199.

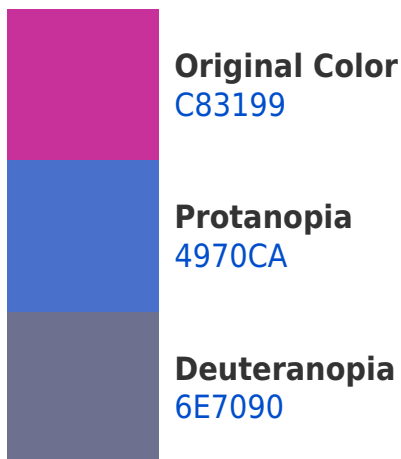



This preview shows how white text looks on a background with the Hex color C83199.

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
C2494E

Trichromacy



Original Color
C83199



Protanomaly
7759B8



Deuteranomaly
8F5993



Tritanomaly
C44069

Monochromacy



Original Color
C83199



Achromatopsia
6A6A6A



Achromatomaly
8C557B

CSS Examples

Text

The CSS property to change the color of the text to Hex C83199 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 #C83199 looks like.

```
.text, #text, p{  
    color:#C83199  
}
```

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 #C83199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C83199
}
```

Border

The CSS property to change the border of an element to Hex C83199 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
#C83199 }
```

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

```
.border{ border-color:#C83199 }
```

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

Here you see how a box with a 4 pixel #C83199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C83199; -webkit-box-shadow:4px 4px  
4px 4px #C83199; box-shadow:4px 4px 4px  
4px #C83199 }
```

Background

The CSS property to change the background color of an element to Hex C83199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C83199 }
```

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

```
.background{ background-color:#C83199 }
```

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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