

Converting Colors

Hex(C831B9)

Have a look what the booklet for
Hex(C831B9) contains.

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Color

Hex(C831B9)

Conversions

Conversions Part 1

Format	Color
Hex	C831B9
RGB	200, 49, 185
RGB Percent	78%, 19%, 73%
CMY	0.2157, 0.8078, 0.2745
CMYK	0.00, 0.76, 0.08, 0.22
HSL	306°, 61%, 49%
HSV	306°, 76%, 78%
XYZ	33.6747, 17.9788, 47.5943
YIQ	109.6530, 46.3400, 74.3080

Conversions

Conversions Part 2

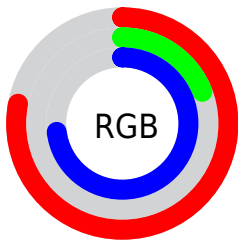
Format	Color
R_{YB}	200, 49, 185
Decimal	13119929
CIE _{Lab}	49.47, 71.60, -38.90
CIE _{LCh}	49, 81.488, 331.482
Yxy	17.9788, 0.3393, 0.1812
Android (android.graphics.Color)	4291310009 (0xFFC831B9)
YUV	109.6530, 37.1461, 79.2343
Hunter-Lab	42.4014, 67.5602, -36.8704

Details

The Hex color **C831B9** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **31C840**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6FF2**, and **8E0083** is the 20% darker color. If you saturate the color by 10%, you get **C81DB7**, and if you desaturate by 10%, it is **C845BB**.

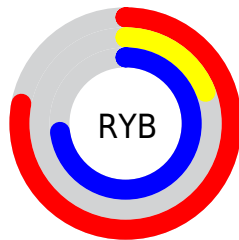
Distribution



Red (78%)

Green (19%)

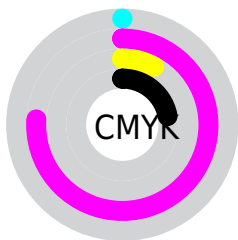
Blue (73%)



Red (78%)

Yellow (19%)

Blue (73%)

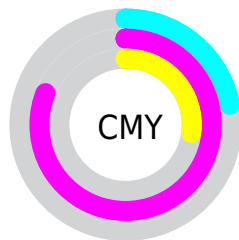


Cyan (0%)

Magenta (76%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (81%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C831B9 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 C831B9 by changing the saturation by 10% instead.

 C831B9

 C831B9

FFFFFF

 AB009E

 FF6FF2

 8E0083

 FF8CFF

 72006A

 FFA9FF

 560051

 FFC6FF

 3D003A

 FFE4FF

 1E0023

 000009

 000000

 C831B9

 C831B9

 C81DB7

 C845BB

 C809B5

 C859BD

 C800B4

 C86DBF

 C881C1

 C895C3

 C8A9C5

 C8BDC7

 C8D1C9

 C8E5CB

Harmonies

Analogous

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



6E61ED



C831B9



E90075

Triad

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



C831B9



8C7400



0092BD

Complementary

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



C831B9



31C840

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.



009277



C831B9



448500

Square

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



C831B9



C15600



008E2C



008DF0

Rectangle

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



C831B9



E90848



008E2C



0092A7

Sweetspot

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



C831B9



FFC4F9



3E31C8



805C7C



000000



808080

Same Dimension

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



C831B9



FF17E8



C83170



635A62



A30093



240020

Inverse Universe

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



C831B9



FF17E8



31C889



635A62



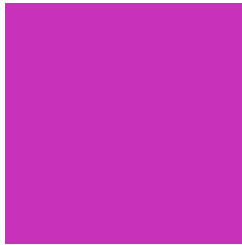
A30093



240020

Previews

White Background



This preview shows how the Hex color C831B9 looks on a white background.

Color Contrast Check

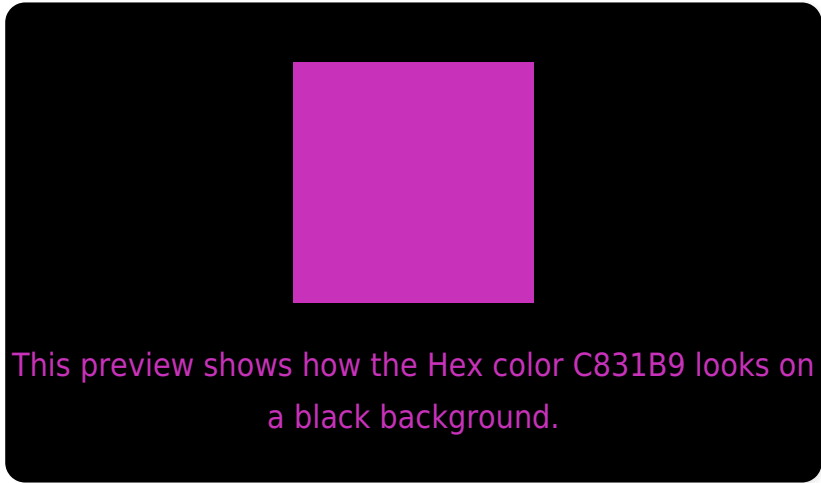
Large Text (above 18pt) WCAG AA ✓ Pass

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

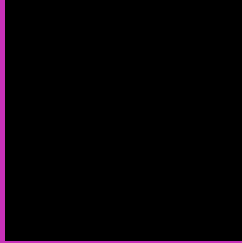
Any Text WCAG AA ✓ Pass

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 C831B9 Background



This preview shows how black text looks on a background with the Hex color C831B9.



This preview shows how white text looks on a background with the Hex color C831B9.

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
C831B9



Protanomaly
495ADE



Deuteranomaly
845DB3



Tritanomaly
C2477C

Monochromacy



Original Color
C831B9



Achromatopsia
6E6E6E



Achromatomaly
8F5889

CSS Examples

Text

The CSS property to change the color of the text to Hex C831B9 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 #C831B9 looks like.

```
.text, #text, p{  
    color:#C831B9  
}
```

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 #C831B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C831B9
}
```

Border

The CSS property to change the border of an element to Hex C831B9 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
#C831B9 }
```

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

```
.border{ border-color:#C831B9 }
```

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

Here you see how a box with a 4 pixel #C831B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C831B9; -webkit-box-shadow:4px 4px  
4px 4px #C831B9; box-shadow:4px 4px 4px  
4px #C831B9 }
```

Background

The CSS property to change the background color of an element to Hex C831B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C831B9 }
```

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

```
.background{ background-color:#C831B9 }
```

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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