

Converting Colors

Hex(C831DC)

Have a look what the booklet for
Hex(C831DC) contains.

Hex(C831DC)	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(C831DC)

Conversions

Conversions Part 1

Format	Color
Hex	C831DC
RGB	200, 49, 220
RGB Percent	78%, 19%, 86%
CMY	0.2157, 0.8078, 0.1373
CMYK	0.09, 0.78, 0.00, 0.14
HSL	293°, 71%, 53%
HSV	293°, 78%, 86%
XYZ	37.8360, 19.6433, 69.5075
YIQ	113.6430, 35.1050, 85.1930

Conversions

Conversions Part 2

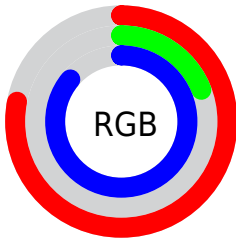
Format	Color
R_{YB}	200, 49, 220
Decimal	13119964
CIE _{Lab}	51.43, 77.16, -55.95
CIE _{LCh}	51, 95.308, 324.055
Y _{xy}	19.6433, 0.2980, 0.1547
Android (android.graphics.Color)	4291310044 (0xFFC831DC)
YUV	113.6430, 52.4340, 75.7351
Hunter-Lab	44.3208, 74.8216, -61.9590

Details

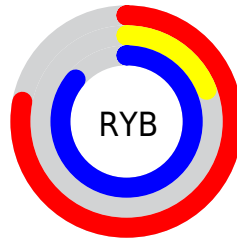
The Hex color **C831DC** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light muted magenta. A complement of this color would be **45DC31**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF70FF**, and **8D00A4** is the 20% darker color. If you saturate the color by 10%, you get **C51BDC**, and if you desaturate by 10%, it is **CB47DC**.

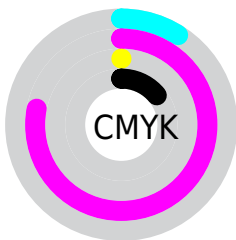
Distribution



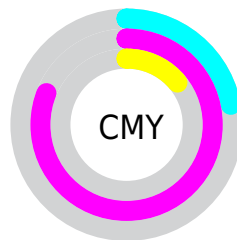
- Red (78%)
- Green (19%)
- Blue (86%)



- Red (78%)
- Yellow (19%)
- Blue (86%)



- Cyan (9%)
- Magenta (78%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (81%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color C831DC 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 C831DC by changing the saturation by 10% instead.

 C831DC

 C831DC

FFFFFF

 AA00C0

 FF70FF

 8D00A4

 FF8EFF

 710089

 FFABFF

 54006F

 FFC9FF

 390056

 FFE6FF

 19003D

 000326

 00010F

 000000

 C831DC

 C831DC

 C51BDC

 CB47DC

 C305DC

 CD5DDC

 C200DC

 D073DC

 D289DC

 D59FDC

 D7B5DC

 DACBDC

 DDE1DC

 DFF7DC

Harmonies

Analogous

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



186DFF



C831DC



FC008F

Triad

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



C831DC



A37200



009BBC

Complementary

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



C831DC



45DC31

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.



009967



C831DC



558900

Square

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



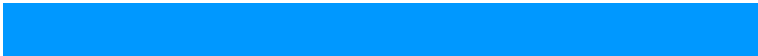
C831DC



DD4600



009400



0098FF

Rectangle

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



C831DC



FF0059



009400



009BA0

Sweetspot

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



C831DC



F8C4FF



3148DC



7B5C80



000000



808080

Same Dimension

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



C831DC



E312FF



DC319D



6C636E



9900AD



29002E

Inverse Universe

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



DC3145



FF122E



31DC70



6E6364



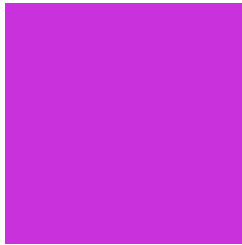
AD0014



2E0005

Previews

White Background



This preview shows how the Hex color C831DC looks on a white background.

Color Contrast Check

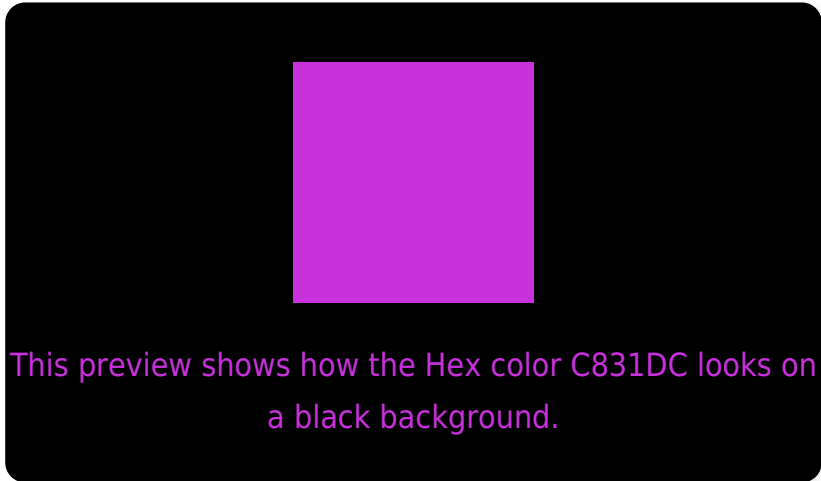
Large Text (above 18pt) WCAG AA ✓ Pass

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

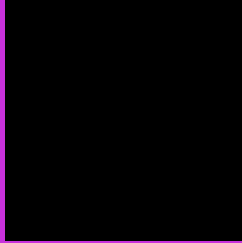
Any Text WCAG AA ✓ Pass

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 C831DC Background



This preview shows how black text looks on a background with the Hex color C831DC.

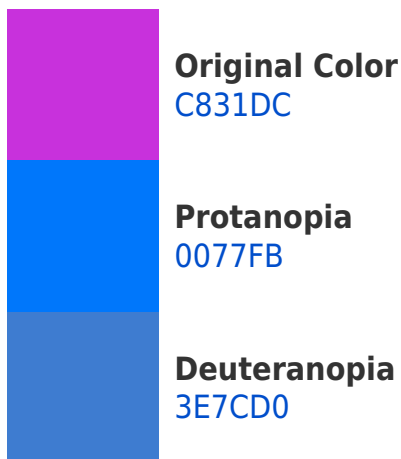


This preview shows how white text looks on a background with the Hex color C831DC.

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
B95F66

Trichromacy



Original Color
C831DC



Protanomaly
495EF0



Deuteranomaly
7061D4



Tritanomaly
BE4E91

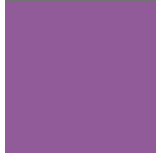
Monochromacy



Original Color
C831DC



Achromatopsia
727272



Achromatomaly
915A99

CSS Examples

Text

The CSS property to change the color of the text to Hex C831DC 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 #C831DC looks like.

```
.text, #text, p{  
    color:#C831DC  
}
```

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 #C831DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C831DC
}
```

Border

The CSS property to change the border of an element to Hex C831DC 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
#C831DC }
```

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

```
.border{ border-color:#C831DC }
```

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

Here you see how a box with a 4 pixel #C831DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C831DC; -webkit-box-shadow:4px 4px  
4px 4px #C831DC; box-shadow:4px 4px 4px  
4px #C831DC }
```

Background

The CSS property to change the background color of an element to Hex C831DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C831DC }
```

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

```
.background{ background-color:#C831DC }
```

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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