

Converting Colors

Hex(D831B9)

Have a look what the booklet for
Hex(D831B9) contains.

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Color

Hex(D831B9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D831B9 |
| RGB | 216, 49, 185 |
| RGB Percent | 85%, 19%, 73% |
| CMY | 0.1529, 0.8078, 0.2745 |
| CMYK | 0.00, 0.77, 0.14, 0.15 |
| HSL | 311°, 68%, 52% |
| HSV | 311°, 77%, 85% |
| XYZ | 38.1742, 20.2983, 47.8049 |
| YIQ | 114.4370, 55.8760, 77.7000 |

Conversions

Conversions Part 2

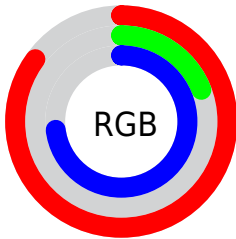
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 49, 185 |
| Decimal | 14168505 |
| CIE Lab | 52.17, 75.06, -34.47 |
| CIE LCh | 52, 82.592, 335.333 |
| Yxy | 20.2983, 0.3592, 0.1910 |
| Android (android.graphics.Color) | 4292358585 (0xFFD831B9) |
| YUV | 114.4370, 34.7876, 89.0708 |
| Hunter-Lab | 45.0537, 72.3999, -31.3730 |

Details

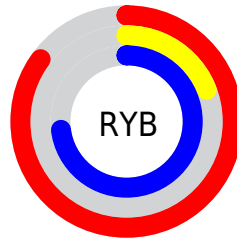
The Hex color **D831B9** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **31D850**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71F1**, and **9D0083** is the 20% darker color. If you saturate the color by 10%, you get **D81BB5**, and if you desaturate by 10%, it is **D847BD**.

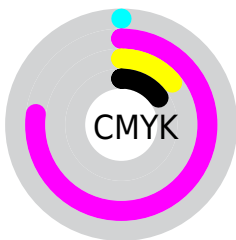
Distribution



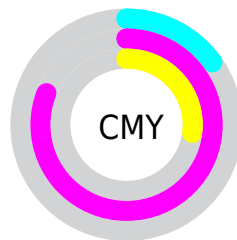
- Red (85%)
- Green (19%)
- Blue (73%)



- Red (85%)
- Yellow (19%)
- Blue (73%)



- Cyan (0%)
- Magenta (77%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (81%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D831B9 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 D831B9 by changing the saturation by 10% instead.

 D831B9

 D831B9

FFFFFF

 BA009E

 FF71F1

 9D0083

 FF8FFF

 80006A

 FFACFF


 630051

 FFCAFF

 49003A

 FFE8FF

 2C0023

 000009

 000000

 D831B9

 D831B9

 D81BB5

 D847BD

 D806B1

 D85CC1

 D800B0

 D872C5

 D887C9

 D89DCD

 D8B3D1

 D8C8D5

 D8DED9

 D8F3DD

Harmonies

Analogous

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



8762F2



D831B9



F40073

Triad

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



D831B9



8C7E00



0099CD

Complementary

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



D831B9



31D850

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.



009A88



D831B9



3D8E00

Square

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



D831B9



C46100



00963C



0093FE

Rectangle

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



D831B9



F12145



00963C



009AB8

Sweetspot

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



D831B9



FFC4F4



5031D8



805C79



000000



808080

Same Dimension

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



D831B9



FF12D3



D83166



6B6069



AB008B



2B0023

Inverse Universe

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



D831B9



FF12D3



31D8A3



6B6069



AB008B



2B0023

Previews

White Background



This preview shows how the Hex color D831B9 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

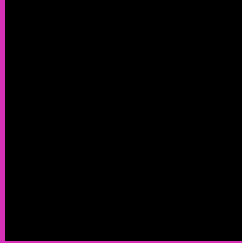
Any Text WCAG AA ✓ Pass

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 D831B9 Background



This preview shows how black text looks on a background with the Hex color D831B9.

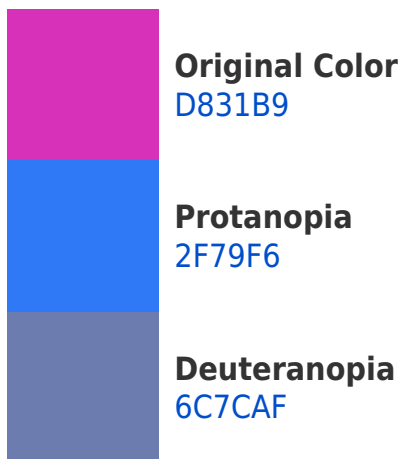


This preview shows how white text looks on a background with the Hex color D831B9.

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](#).

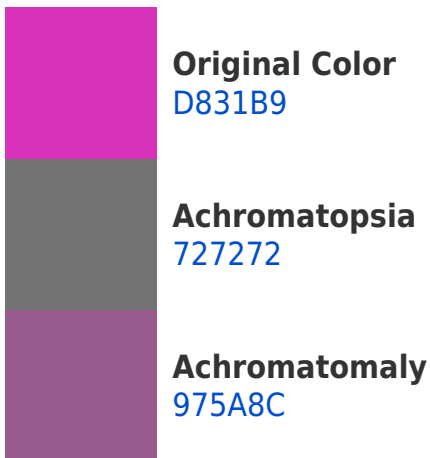
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D831B9 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 #D831B9 looks like.

```
.text, #text, p{  
    color:#D831B9  
}
```

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 #D831B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D831B9
}
```

Border

The CSS property to change the border of an element to Hex D831B9 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
#D831B9 }
```

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

```
.border{ border-color:#D831B9 }
```

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

Here you see how a box with a 4 pixel #D831B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D831B9; -webkit-box-shadow:4px 4px  
4px 4px #D831B9; box-shadow:4px 4px 4px  
4px #D831B9 }
```

Background

The CSS property to change the background color of an element to Hex D831B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D831B9 }
```

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

```
.background{ background-color:#D831B9 }
```

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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