

Converting Colors

Hex(D231C7)

Have a look what the booklet for
Hex(D231C7) contains.

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Color

Hex(D231C7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D231C7 |
| RGB | 210, 49, 199 |
| RGB Percent | 82%, 19%, 78% |
| CMY | 0.1765, 0.8078, 0.2196 |
| CMYK | 0.00, 0.77, 0.05, 0.18 |
| HSL | 304°, 64%, 51% |
| HSV | 304°, 77%, 82% |
| XYZ | 37.9855, 20.0218, 55.8954 |
| YIQ | 114.2390, 47.8060, 80.7820 |

Conversions

Conversions Part 2

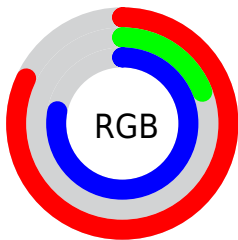
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 210, 49, 199 |
| Decimal | 13775303 |
| CIE _{Lab} | 51.86, 75.79, -43.14 |
| CIE _{LCh} | 52, 87.204, 330.352 |
| Yxy | 20.0218, 0.3335, 0.1758 |
| Android (android.graphics.Color) | 4291965383 (0xFFD231C7) |
| YUV | 114.2390, 41.7872, 83.9824 |
| Hunter-Lab | 44.7457, 73.2270, -42.7418 |

Details

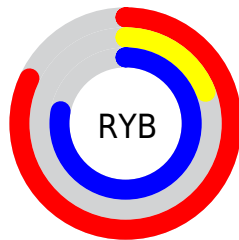
The Hex color **D231C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31D23C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF71FF**, and **970090** is the 20% darker color. If you saturate the color by 10%, you get **D21CC6**, and if you desaturate by 10%, it is **D246C8**.

Distribution



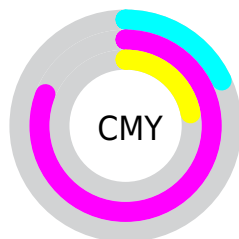
- Red (82%)
- Green (19%)
- Blue (78%)



- Red (82%)
- Yellow (19%)
- Blue (78%)



- Cyan (0%)
- Magenta (77%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (81%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D231C7 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 D231C7 by changing the saturation by 10% instead.

 D231C7

 D231C7

FFFFFF

 B400AB

 FF71FF

 970090

 FF8EFF

 7B0076

 FFACFF

 5E005D

 FFC9FF

 440045

 FFE7FF

 27002D

 000117

 000000

 D231C7

 D231C7

 D21CC6

 D246C8

 D207C4

 D25BCA

 D200C4

 D270CB

 D285CD

 D29ACE

 D2AFD0

 D2C4D1

 D2D9D2

 D2EED4

Harmonies

Analogous

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



6C67FF



D231C7



F7007E

Triad

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



D231C7



967900



009AC6

Complementary

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



D231C7



31D23C

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.



009A7B



D231C7



488C00

Square

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



D231C7



CE5800



009628



0095FF

Rectangle

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



D231C7



F8004D



009628



009AAE

Sweetspot

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



D231C7



FFC4FB



3C31D2



805C7D



000000



808080

Same Dimension

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



D231C7



FF14EF



D23177



695E68



A8009D



290026

Inverse Universe

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



D231C7



FF14EF



31D28C



695E68



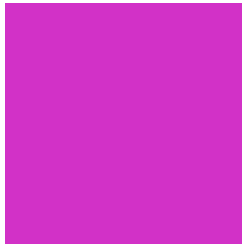
A8009D



290026

Previews

White Background



This preview shows how the Hex color D231C7 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

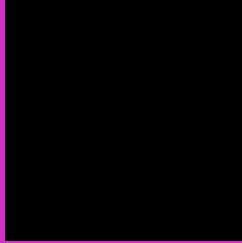
Any Text WCAG AA ✓ Pass

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 D231C7 Background



This preview shows how black text looks on a background with the Hex color D231C7.



This preview shows how white text looks on a background with the Hex color D231C7.

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



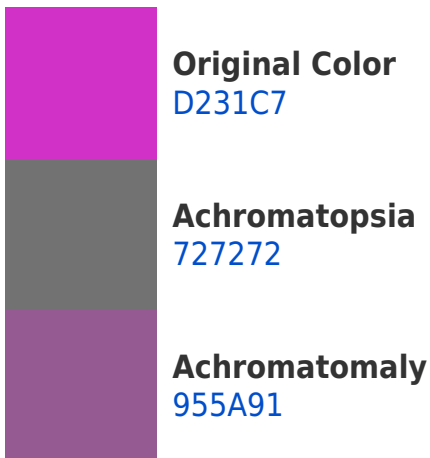


Tritanopia
C7585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D231C7 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 #D231C7 looks like.

```
.text, #text, p{  
    color:#D231C7  
}
```

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 #D231C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D231C7
}
```

Border

The CSS property to change the border of an element to Hex D231C7 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
#D231C7 }
```

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

```
.border{ border-color:#D231C7 }
```

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

Here you see how a box with a 4 pixel #D231C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D231C7; -webkit-box-shadow:4px 4px  
4px 4px #D231C7; box-shadow:4px 4px 4px  
4px #D231C7 }
```

Background

The CSS property to change the background color of an element to Hex D231C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D231C7 }
```

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

```
.background{ background-color:#D231C7 }
```

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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