

# Converting Colors

Hex(D731C9)

Have a look what the booklet for  
Hex(D731C9) contains.

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# Color

Hex(D731C9)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D731C9                     |
| RGB         | 215, 49, 201               |
| RGB Percent | 84%, 19%, 79%              |
| CMY         | 0.1569, 0.8078, 0.2118     |
| CMYK        | 0.00, 0.77, 0.07, 0.16     |
| HSL         | 305°, 67%, 52%             |
| HSV         | 305°, 77%, 84%             |
| XYZ         | 39.6653, 20.8607, 57.1943  |
| YIQ         | 115.9620, 50.1440, 82.4640 |

# Conversions

## Conversions Part 2

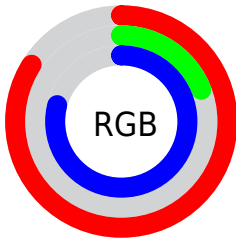
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>YB</sub>                     | 215, 49, 201                  |
| Decimal                             | 14102985                      |
| CIE Lab                             | 52.80, 77.11, -42.76          |
| CIE LCh                             | 53, 88.169, 330.992           |
| Yxy                                 | 20.8607, 0.3369,<br>0.1772    |
| Android<br>(android.graphics.Color) | 4292293065<br>(0xFFD731C9)    |
| YUV                                 | 115.9620, 41.9237,<br>86.8563 |
| Hunter-Lab                          | 45.6736, 75.0898,<br>-42.2738 |

# Details

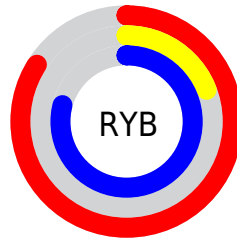
The Hex color **D731C9** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31D73F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF72FF**, and **9C0092** is the 20% darker color. If you saturate the color by 10%, you get **D71CC7**, and if you desaturate by 10%, it is **D747CB**.

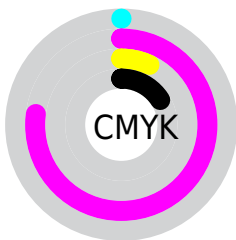
# Distribution



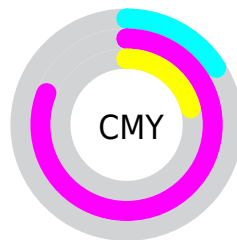
- Red (84%)
- Green (19%)
- Blue (79%)



- Red (84%)
- Yellow (19%)
- Blue (79%)



- Cyan (0%)
- Magenta (77%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (81%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D731C9 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 D731C9 by changing the saturation by 10% instead.



 D731C9

 D731C9

FFFFFF

 B900AD

 FF72FF

 9C0092

 FF8FFF

 7F0078

 FFADFF

 63005F

 FFCAFF

 470047

 FFE8FF

 2B002F

 000019

 000000

 D731C9

 D731C9

 D71CC7

 D747CB

 D706C5

 D75CCD

 D700C5

 D772CE

 D787D0

 D79DD2

 D7B2D4

 D7C8D6

 D7DDD8

 D7F3D9

# Harmonies

## Analogous

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



7268FF



D731C9



FC007F

# Triad

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



D731C9



977C00



009DCB

# Complementary

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



D731C9



31D73F

# 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.



009C7F



D731C9



488F00

# Square

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



D731C9



D15B00



00982C



0098FF

# Rectangle

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



D731C9



FC004E



00982C



009DB3



# Sweetspot

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



D731C9



FFC4FA



3F31D7



805C7C



000000



808080



# Same Dimension

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



D731C9



FF12EB



D73176



6B606A



AB009C



2B0028



# Inverse Universe

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



D731C9



FF12EB



31D792



6B606A



AB009C



2B0028



# Previews

## White Background



This preview shows how the Hex color D731C9 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

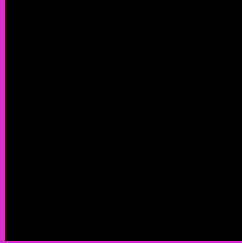
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D731C9 Background



This preview shows how black text looks on a background with the Hex color D731C9.

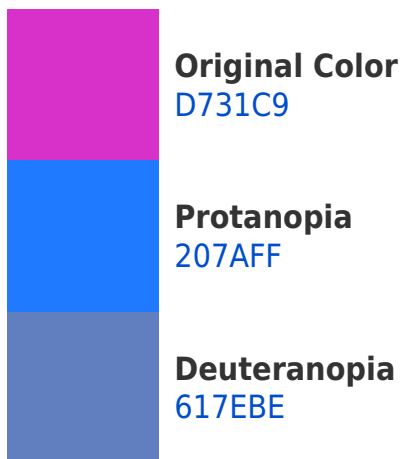


This preview shows how white text looks on a background with the Hex color D731C9.

# 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**  
D731C9



**Protanomaly**  
635FEB



**Deuteranomaly**  
8C62C2



**Tritanomaly**  
D04A86

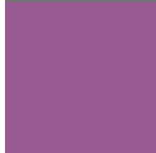
# Monochromacy



**Original Color**  
D731C9



**Achromatopsia**  
747474



**Achromatomaly**  
985C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D731C9 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 #D731C9 looks like.

```
.text, #text, p{  
    color:#D731C9  
}
```

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 #D731C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D731C9
}
```

## Border

The CSS property to change the border of an element to Hex D731C9 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
#D731C9 }
```

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

```
.border{ border-color:#D731C9 }
```

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

Here you see how a box with a 4 pixel #D731C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D731C9; -webkit-box-shadow:4px 4px  
4px 4px #D731C9; box-shadow:4px 4px 4px  
4px #D731C9 }
```

# Background

The CSS property to change the background color of an element to Hex D731C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D731C9 }
```

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

```
.background{ background-color:#D731C9 }
```

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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