

# Converting Colors

Hex(D631AD)

Have a look what the booklet for  
Hex(D631AD) contains.

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# Color

**Hex(D631AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D631AD
RGB	214, 49, 173
RGB Percent	84%, 19%, 68%
CMY	0.1608, 0.8078, 0.3216
CMYK	0.00, 0.77, 0.19, 0.16
HSL	315°, 67%, 52%
HSV	315°, 77%, 84%
XYZ	36.3727, 19.5099, 41.3839
YIQ	112.4710, 58.5360, 73.5440

# Conversions

## Conversions Part 2

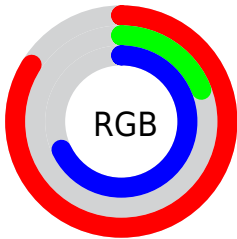
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 49, 173
Decimal	14037421
CIE <sub>Lab</sub>	51.28, 73.01, -28.88
CIE <sub>LCh</sub>	51, 78.517, 338.422
Yxy	19.5099, 0.3739, 0.2006
Android (android.graphics.Color)	4292227501 (0xFFD631AD)
YUV	112.4710, 29.8408, 89.0409
Hunter-Lab	44.1700, 69.6919, -24.6312

# Details

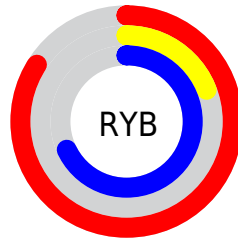
The Hex color **D631AD** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **31D65A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF71E5**, and **9B0078** is the 20% darker color. If you saturate the color by 10%, you get **D61CA8**, and if you desaturate by 10%, it is **D646B2**.

# Distribution



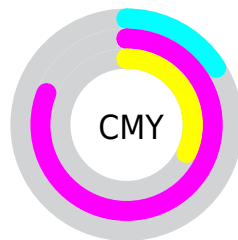
- Red (84%)
- Green (19%)
- Blue (68%)



- Red (84%)
- Yellow (19%)
- Blue (68%)



- Cyan (0%)
- Magenta (77%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (81%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D631AD 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 D631AD by changing the saturation by 10% instead.



 D631AD

 D631AD

FFFFFF

 B80092

 FF71E5

 9B0078

 FF8EFF

 7E005F

 FFABFF

 620047

 FFC9FF

 470030

 FFE6FF

 2A001B

 000000

 D631AD

 D631AD

 D61CA8

 D646B2

 D606A2

 D65CB8

 D600A1

 D671BD

 D687C2

 D69CC8

 D6B1CD

 D6C7D2

 D6DCD8

 D6F2DD

# Harmonies

## Analogous

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



905EE5



D631AD



ED126A

# Triad

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



D631AD



837E00



0096CD

# Complementary

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



D631AD



31D65A

# 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.



00968C



D631AD



348C00

# Square

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



D631AD



BA6400



009445



008FF8

# Rectangle

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



D631AD



E82E3F



009445



0096B9



# Sweetspot

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



D631AD



FFC4F0



5831D6



805C77



000000



808080



# Same Dimension

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



D631AD



FF12C4



D6315D



6B6068



AB0080



2B0021



# Inverse Universe

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



D631AD



FF12C4



31D6AA



6B6068



AB0080



2B0021



# Previews

## White Background



This preview shows how the Hex color D631AD 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 D631AD Background



This preview shows how black text looks on a background with the Hex color D631AD.

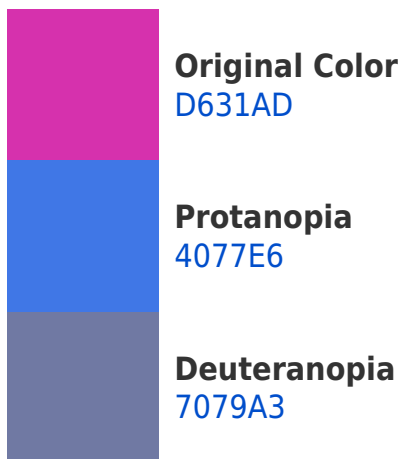


This preview shows how white text looks on a background with the Hex color D631AD.

# 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**  
D631AD



**Protanomaly**  
775ED1



**Deuteranomaly**  
955FA7



**Tritanomaly**  
D14575

# Monochromacy



**Original Color**  
D631AD



**Achromatopsia**  
707070



**Achromatomaly**  
955986

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D631AD 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 #D631AD looks like.

```
.text, #text, p{  
    color:#D631AD  
}
```

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 #D631AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D631AD
}
```

## Border

The CSS property to change the border of an element to Hex D631AD 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
#D631AD }
```

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

```
.border{ border-color:#D631AD }
```

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

Here you see how a box with a 4 pixel #D631AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D631AD; -webkit-box-shadow:4px 4px  
4px 4px #D631AD; box-shadow:4px 4px 4px  
4px #D631AD }
```

# Background

The CSS property to change the background color of an element to Hex D631AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D631AD }
```

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

```
.background{ background-color:#D631AD }
```

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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