

# Converting Colors

Hex(D647CD)

Have a look what the booklet for  
Hex(D647CD) contains.

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# **Color**

**Hex(D647CD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D647CD
RGB	214, 71, 205
RGB Percent	84%, 28%, 80%
CMY	0.1608, 0.7216, 0.1961
CMYK	0.00, 0.67, 0.04, 0.16
HSL	304°, 64%, 56%
HSV	304°, 67%, 84%
XYZ	41.0042, 23.2104, 60.0765
YIQ	129.0330, 42.2140, 71.9900

# Conversions

## Conversions Part 2

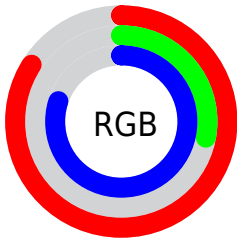
Format	Color
<a href="#">RYB</a>	<a href="#">214, 71, 205</a>
Decimal	<a href="#">14043085</a>
CIELab	<a href="#">55.29, 70.53, -41.13</a>
CIELCh	<a href="#">55, 81.642, 329.752</a>
Yxy	<a href="#">23.2104, 0.3299, 0.1867</a>
Android (android.graphics.Color)	<a href="#">4292233165 (0xFFD647CD)</a>
YUV	<a href="#">129.0330, 37.4517, 74.5161</a>
Hunter-Lab	<a href="#">48.1772, 67.6137, -40.2101</a>

# Details

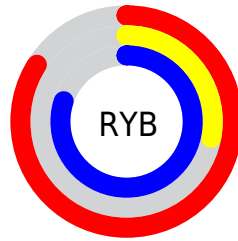
The Hex color **D647CD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **47D650**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF82FF**, and **9C0096** is the 20% darker color. If you saturate the color by 10%, you get **D632CC**, and if you desaturate by 10%, it is **D65CCE**.

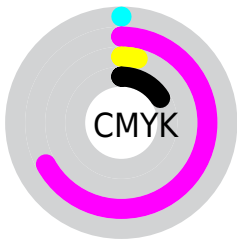
# Distribution



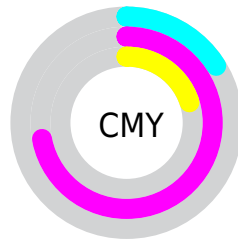
- Red (84%)
- Green (28%)
- Blue (80%)



- Red (84%)
- Yellow (28%)
- Blue (80%)



- Cyan (0%)
- Magenta (67%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (72%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D647CD 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 D647CD by changing the saturation by 10% instead.



 D647CD

 D647CD

FFFFFF

 B925B1

 FF82FF

 9C0096

 FF9FFF

 7F007C

 FFBCFF

 630062

 FFD9FF

 48004A

 FFF7FF

 2D0033

 00001C

 000000

 D647CD

 D647CD

 D632CC

 D65CCE

 D61CCA

 D672D0

 D607C9

 D687D1

 D600C9

 D69DD2

 D6B2D4

 D6C7D5

 D6DDD6

 D6F2D8

 D6FFD9

# Harmonies

## Analogous

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



7771FF



D647CD



FB1D88

# Triad

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



D647CD



A18100



00A2C9

# Complementary

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



D647CD



47D650

# 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.



00A282



D647CD



5A9400

# Square

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



D647CD



D66300



009E36



009DFF

# Rectangle

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



D647CD



FD2A5A



009E36



00A3B3



# Sweetspot

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



D647CD



FFCCFC



4E47D6



80617E



000000



808080



# Same Dimension

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



D647CD



FF33F2



D64787



6B606A



AB00A0



2B0029



# Inverse Universe

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



D647CD



FF33F2



47D696



6B606A



AB00A0



2B0029



# Previews

## White Background



This preview shows how the Hex color D647CD looks on a white background.

## Color Contrast Check

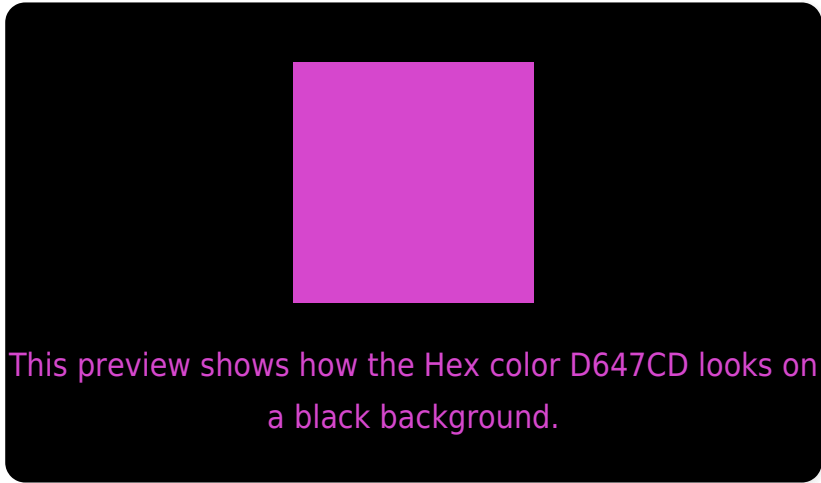
Large Text (above 18pt) WCAG AA ✓ Pass

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

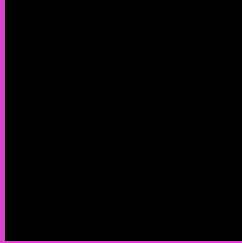
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D647CD Background



This preview shows how black text looks on a background with the Hex color D647CD.

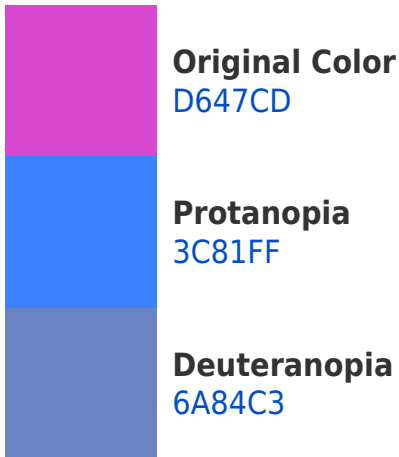



This preview shows how white text looks on a background with the Hex color D647CD.

# 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



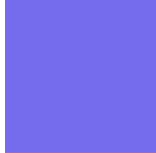


**Tritanopia**  
CB656C

# Trichromacy



**Original Color**  
D647CD



**Protanomaly**  
746CED



**Deuteranomaly**  
916EC7



**Tritanomaly**  
CF5A8F

# Monochromacy



**Original Color**  
D647CD



**Achromatopsia**  
818181



**Achromatomaly**  
A06C9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D647CD 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 #D647CD looks like.

```
.text, #text, p{  
    color:#D647CD  
}
```

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 #D647CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D647CD
}
```

## Border

The CSS property to change the border of an element to Hex D647CD 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
#D647CD }
```

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

```
.border{ border-color:#D647CD }
```

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

Here you see how a box with a 4 pixel #D647CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D647CD; -webkit-box-shadow:4px 4px  
4px 4px #D647CD; box-shadow:4px 4px 4px  
4px #D647CD }
```

# Background

The CSS property to change the background color of an element to Hex D647CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D647CD }
```

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

```
.background{ background-color:#D647CD }
```

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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