

Converting Colors

Hex(D47CE3)

Have a look what the booklet for
Hex(D47CE3) contains.

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Color

Hex(D47CE3)

Conversions

Conversions Part 1

Format	Color
Hex	D47CE3
RGB	212, 124, 227
RGB Percent	83%, 49%, 89%
CMY	0.1686, 0.5137, 0.1098
CMYK	0.07, 0.45, 0.00, 0.11
HSL	291°, 65%, 69%
HSV	291°, 45%, 89%
XYZ	48.2242, 33.9584, 76.6860
YIQ	162.0540, 19.3850, 50.6890

Conversions

Conversions Part 2

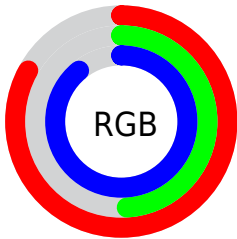
Format	Color
R _Y B	212, 124, 227
Decimal	13925603
CIE Lab	64.93, 49.96, -38.41
CIE LCh	65, 63.016, 322.445
Yxy	33.9584, 0.3035, 0.2138
Android (android.graphics.Color)	4292115683 (0xFFD47CE3)
YUV	162.0540, 32.0184, 43.8026
Hunter-Lab	58.2738, 45.7374, -37.2315

Details

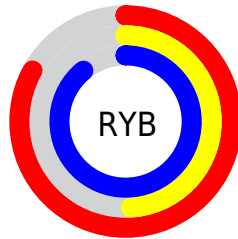
The Hex color **D47CE3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8BE37C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB3FF**, and **9B47AB** is the 20% darker color. If you saturate the color by 10%, you get **D165E3**, and if you desaturate by 10%, it is **D793E3**.

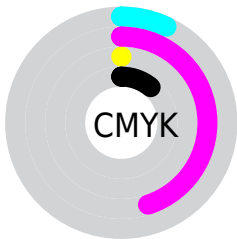
Distribution



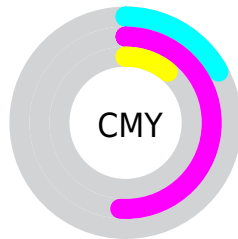
- Red (83%)
- Green (49%)
- Blue (89%)



- Red (83%)
- Yellow (49%)
- Blue (89%)



- Cyan (7%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47CE3 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 D47CE3 by changing the saturation by 10% instead.

 D47CE3

 D47CE3

FFFFFF

 B761C7

 FFB3FF

 9B47AB

 FFCFFF

 802D90

 FFECFF

 650E76

 4B005D

 320045

 19002E

 000118

 000000

 D47CE3

 D47CE3

 D165E3

 D793E3

 CD4FE3

 DBA9E3

 CA38E3

 DEC0E3

 C721E3

 E1D7E3

 C30BE3

 E5EEE3

 C200E3

 E8FFE3

 EBFFE3

 EEFFE3

 F2FFE3

Harmonies

Analogous

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



8495FF



D47CE3



FC69AE

Triad

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



D47CE3



C79622



00B8C7

Complementary

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



D47CE3



8BE37C

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.



00B88D



D47CE3



92A729

Square

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



D47CE3



EF7F45



48B255



00B4F6

Rectangle

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



D47CE3



FF6888



48B255



00B9B4

Sweetspot

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



D47CE3



FADBFF



7C8BE3



7C6A80



000000



808080

Same Dimension

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



D47CE3



EB75FF



E37CBF



716773



9900B3



2C0033

Inverse Universe

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



E37C8B



FF7589



7CE3A0



736769



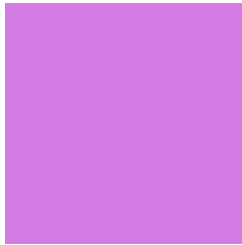
B3001A



330007

Previews

White Background



This preview shows how the Hex color D47CE3 looks on a white background.

Color Contrast Check

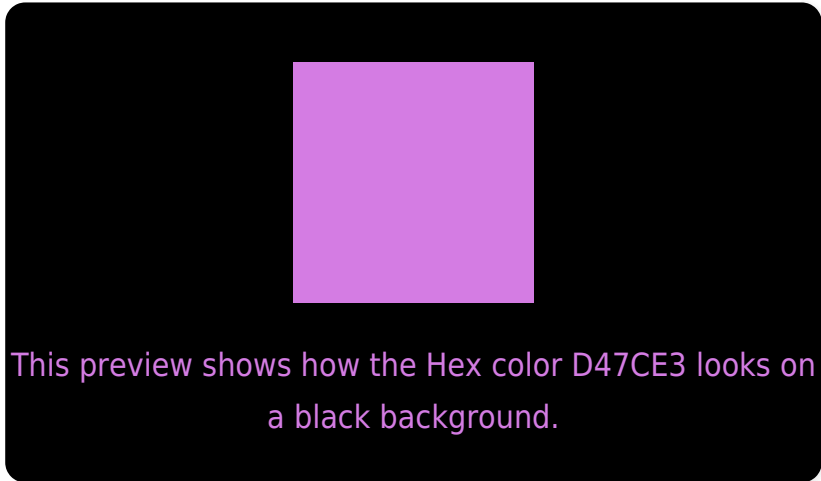
Large Text (above 18pt) WCAG AA × Fail

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

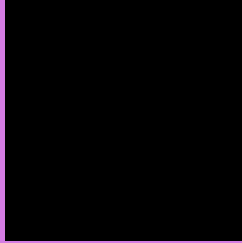
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex D47CE3 Background



This preview shows how black text looks on a background with the Hex color D47CE3.

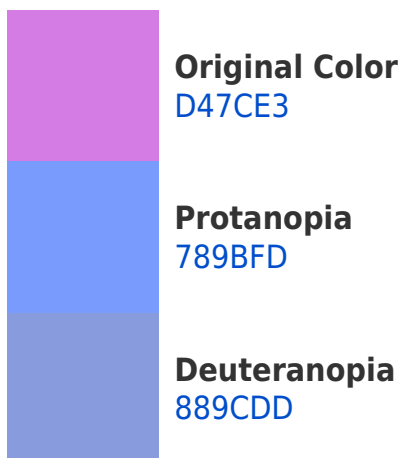



This preview shows how white text looks on a background with the Hex color D47CE3.

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](#).

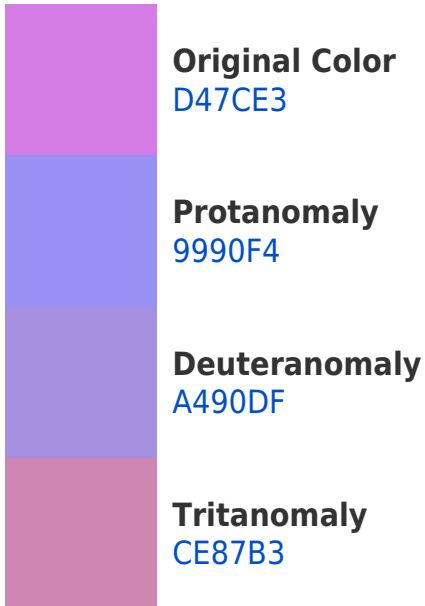
Dichromacy



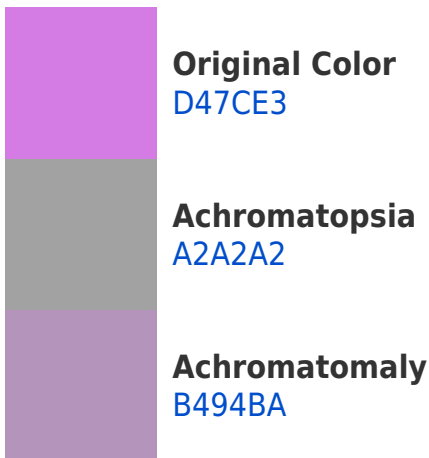


Tritanopia
CA8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47CE3 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 #D47CE3 looks like.

```
.text, #text, p{  
    color:#D47CE3  
}
```

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 #D47CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47CE3
}
```

Border

The CSS property to change the border of an element to Hex D47CE3 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
#D47CE3 }
```

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

```
.border{ border-color:#D47CE3 }
```

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

Here you see how a box with a 4 pixel #D47CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47CE3; -webkit-box-shadow:4px 4px  
4px 4px #D47CE3; box-shadow:4px 4px 4px  
4px #D47CE3 }
```

Background

The CSS property to change the background color of an element to Hex D47CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47CE3 }
```

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

```
.background{ background-color:#D47CE3 }
```

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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