

# Converting Colors

Hex(D47FD5)

Have a look what the booklet for  
Hex(D47FD5) contains.

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# Color

Hex(D47FD5)

# Conversions

## Conversions Part 1

Format	Color
Hex	D47FD5
RGB	212, 127, 213
RGB Percent	83%, 50%, 84%
CMY	0.1686, 0.5020, 0.1647
CMYK	0.00, 0.40, 0.00, 0.16
HSL	299°, 51%, 67%
HSV	299°, 40%, 84%
XYZ	46.7510, 33.9799, 67.0455
YIQ	162.2190, 23.0540, 44.7660

# Conversions

## Conversions Part 2

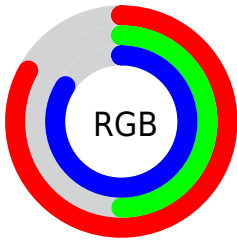
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 127, 213
Decimal	13926357
CIE Lab	64.95, 45.78, -30.59
CIE LCh	65, 55.058, 326.252
Yxy	33.9799, 0.3164, 0.2299
Android (android.graphics.Color)	4292116437 (0xFFD47FD5)
YUV	162.2190, 25.0350, 43.6579
Hunter-Lab	58.2923, 41.1473, -27.3885

# Details

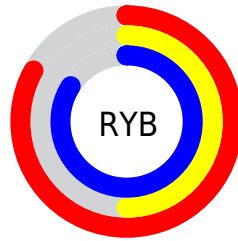
The Hex color **D47FD5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80D57F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB6FF**, and **9C4B9E** is the 20% darker color. If you saturate the color by 10%, you get **D46AD5**, and if you desaturate by 10%, it is **D494D5**.

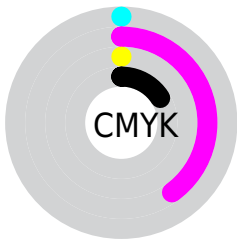
# Distribution



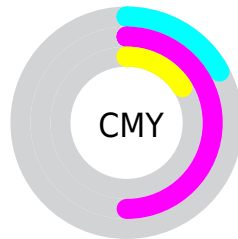
- Red (83%)
- Green (50%)
- Blue (84%)



- Red (83%)
- Yellow (50%)
- Blue (84%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (50%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47FD5 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 D47FD5 by changing the saturation by 10% instead.



 D47FD5

 D47FD5

FFFFFF

 B865B9

 FFB6FF

 9C4B9E

 FFD2FF

 803184

 FFEFFF

 66156A

 4C0052

 33003A

 1B0024

 00000B

 000000

 D47FD5

 D47FD5

 D46AD5

 D494D5

 D454D5

 D4AAD5

 D33FD5

 D5BFD5

 D32AD5

 D5D4D5

 D314D5

 D5EAD5

 D300D5

 D5FFD5

 D6FFD5

# Harmonies

## Analogous

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



9593F6



D47FD5



F472A6

# Triad

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



D47FD5



BE9936



00B5C8

# Complementary

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



D47FD5



80D57F

# 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.



00B596



D47FD5



8EA840

# Square

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



D47FD5



E3864C



4EB164



00B0EF

# Rectangle

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



D47FD5



F97385



4EB164



00B6B8



# Sweetspot

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



D47FD5



FFE0FF



7F80D5



7F6E80



000000



808080



# Same Dimension

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



D47FD5



FE85FF



D57FAB



6B606B



A900AB



2B002B



# Inverse Universe

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



D57F80



FF8586



7FD5A9



6B6061



AB0002

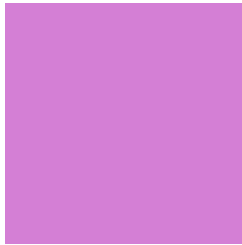


2B0001



# Previews

## White Background



This preview shows how the Hex color D47FD5 looks on a white background.

## Color Contrast Check

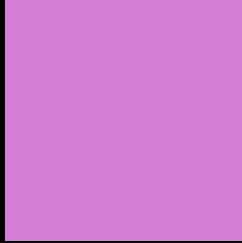
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D47FD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

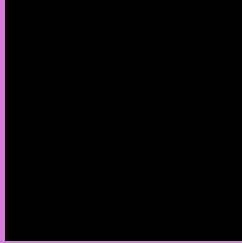
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D47FD5 Background



This preview shows how black text looks on a background with the Hex color D47FD5.

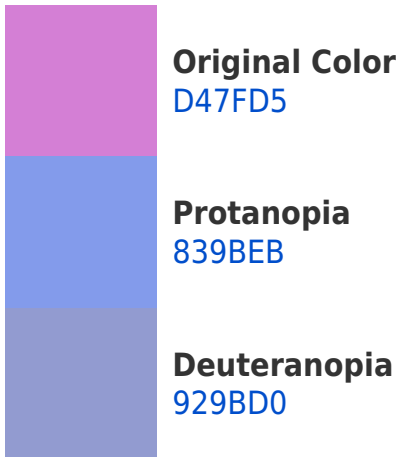


This preview shows how white text looks on a background with the Hex color D47FD5.

# 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**  
CC8C97

# Trichromacy



**Original Color**  
D47FD5



**Protanomaly**  
A091E3



**Deuteranomaly**  
AA91D2



**Tritanomaly**  
CF87AE

# Monochromacy



**Original Color**  
D47FD5



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
B495B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47FD5 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 #D47FD5 looks like.

```
.text, #text, p{  
    color:#D47FD5  
}
```

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 #D47FD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47FD5
}
```

## Border

The CSS property to change the border of an element to Hex D47FD5 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
#D47FD5 }
```

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

```
.border{ border-color:#D47FD5 }
```

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

Here you see how a box with a 4 pixel #D47FD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47FD5; -webkit-box-shadow:4px 4px  
4px 4px #D47FD5; box-shadow:4px 4px 4px  
4px #D47FD5 }
```

# Background

The CSS property to change the background color of an element to Hex D47FD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47FD5 }
```

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

```
.background{ background-color:#D47FD5 }
```

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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