

Converting Colors

Hex(D47FD9)

Have a look what the booklet for
Hex(D47FD9) contains.

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Color

Hex(D47FD9)

Conversions

Conversions Part 1

Format	Color
Hex	D47FD9
RGB	212, 127, 217
RGB Percent	83%, 50%, 85%
CMY	0.1686, 0.5020, 0.1490
CMYK	0.02, 0.41, 0.00, 0.15
HSL	297°, 54%, 67%
HSV	297°, 41%, 85%
XYZ	47.2651, 34.1855, 69.7530
YIQ	162.6750, 21.7700, 46.0100

Conversions

Conversions Part 2

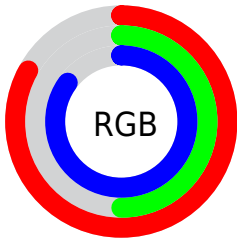
Format	Color
R_{YB}	212, 127, 217
Decimal	13926361
CIE _{Lab}	65.11, 46.52, -32.57
CIE _{LCh}	65, 56.786, 325.006
Yxy	34.1855, 0.3126, 0.2261
Android (android.graphics.Color)	4292116441 (0xFFD47FD9)
YUV	162.6750, 26.7822, 43.2580
Hunter-Lab	58.4684, 41.9775, -29.8052

Details

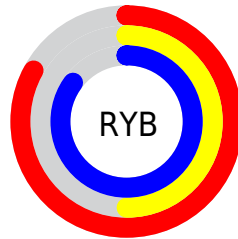
The Hex color **D47FD9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84D97F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB6FF**, and **9C4BA2** is the 20% darker color. If you saturate the color by 10%, you get **D369D9**, and if you desaturate by 10%, it is **D595D9**.

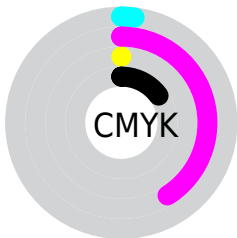
Distribution



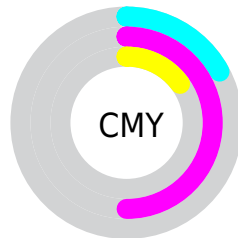
- Red (83%)
- Green (50%)
- Blue (85%)



- Red (83%)
- Yellow (50%)
- Blue (85%)



- Cyan (2%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47FD9 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 D47FD9 by changing the saturation by 10% instead.

 D47FD9

 D47FD9

FFFFFF

 B865BD

 FFB6FF

 9C4BA2

 FFD2FF

 803187

 FFEFFF

 66156E

 4C0055

 33003D

 1B0027

 000110

 000000

 D47FD9

 D47FD9

 D369D9

 D595D9

 D254D9

 D6AAD9

 D03ED9

 D8C0D9

 CF28D9

 D9D6D9

 CE13D9

 DAEBD9

 CD00D9

 DBFFD9

 DCFFD9

 DEFFD9

 DFFFD9

Harmonies

Analogous

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



9194FA



D47FD9



F671A9

Triad

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



D47FD9



C19832



00B7C7

Complementary

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



D47FD9



84D97F

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.



00B694



D47FD9



90A83B

Square

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



D47FD9



E6854B



4EB261



00B2F0

Rectangle

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



D47FD9



FC7186



4EB261



00B7B7

Sweetspot

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



D47FD9



FDE0FF



7F85D9



7F6E80



000000



808080

Same Dimension

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



D47FD9



F880FF



D97FB2



6D636E



A400AD



2B002E

Inverse Universe

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



D97F84



FF8087



7FD9A6



6E6363



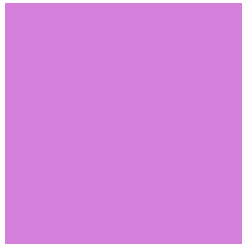
AD000A



2E0003

Previews

White Background



This preview shows how the Hex color D47FD9 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

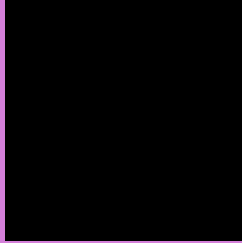
Any Text WCAG AA ✓ Pass

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 D47FD9 Background



This preview shows how black text looks on a background with the Hex color D47FD9.

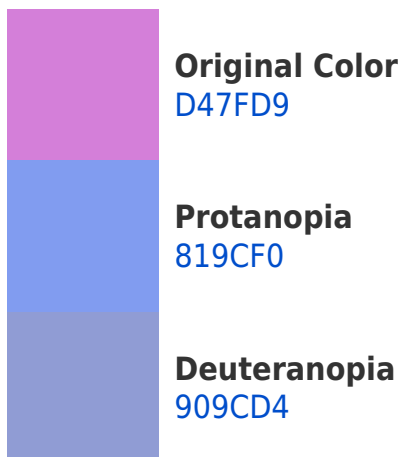



This preview shows how white text looks on a background with the Hex color D47FD9.

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
CB8D98

Trichromacy



Original Color
D47FD9



Protanomaly
9F91E8



Deuteranomaly
A991D6

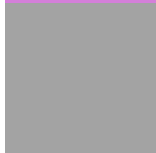


Tritanomaly
CE88B0

Monochromacy



Original Color
D47FD9



Achromatopsia
A3A3A3



Achromatomaly
B596B7

CSS Examples

Text

The CSS property to change the color of the text to Hex D47FD9 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 #D47FD9 looks like.

```
.text, #text, p{  
    color:#D47FD9  
}
```

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 #D47FD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47FD9
}
```

Border

The CSS property to change the border of an element to Hex D47FD9 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
#D47FD9 }
```

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

```
.border{ border-color:#D47FD9 }
```

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

Here you see how a box with a 4 pixel #D47FD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47FD9; -webkit-box-shadow:4px 4px  
4px 4px #D47FD9; box-shadow:4px 4px 4px  
4px #D47FD9 }
```

Background

The CSS property to change the background color of an element to Hex D47FD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47FD9 }
```

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

```
.background{ background-color:#D47FD9 }
```

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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