

Converting Colors

Hex(D746CA)

Have a look what the booklet for
Hex(D746CA) contains.

Hex(D746CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D746CA)

Conversions

Conversions Part 1

Format	Color
Hex	D746CA
RGB	215, 70, 202
RGB Percent	84%, 27%, 79%
CMY	0.1569, 0.7255, 0.2078
CMYK	0.00, 0.67, 0.06, 0.16
HSL	305°, 64%, 56%
HSV	305°, 67%, 84%
XYZ	40.8752, 23.0917, 58.1799
YIQ	128.4030, 44.0480, 71.7920

Conversions

Conversions Part 2

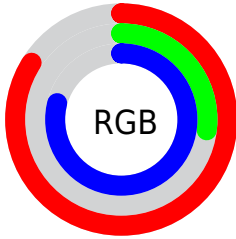
Format	Color
R_{YB}	215, 70, 202
Decimal	14108362
CIE _{Lab}	55.17, 70.65, -39.59
CIE _{LCh}	55, 80.992, 330.735
Yxy	23.0917, 0.3346, 0.1890
Android (android.graphics.Color)	4292298442 (0xFFD746CA)
YUV	128.4030, 36.2833, 75.9456
Hunter-Lab	48.0538, 67.7403, -38.1462

Details

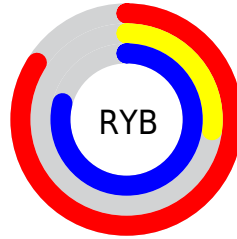
The Hex color **D746CA** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **46D753**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF81FF**, and **9D0093** is the 20% darker color. If you saturate the color by 10%, you get **D731C8**, and if you desaturate by 10%, it is **D75CCC**.

Distribution



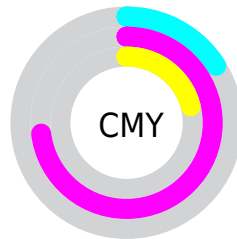
- Red (84%)
- Green (27%)
- Blue (79%)



- Red (84%)
- Yellow (27%)
- Blue (79%)



- Cyan (0%)
- Magenta (67%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (73%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color D746CA 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 D746CA by changing the saturation by 10% instead.

 D746CA

 D746CA

FFFFFF

 BA23AE

 FF81FF

 9D0093

 FF9EFF

 800079

 FFBBFF

 640060

 FFD8FF

 490048

 FFF6FF

 2E0030

 01001A

 000000

 D746CA

 D746CA

 D731C8

 D75CCC

 D71BC6

 D771CE

 D705C4

 D787D0

 D700C4

 D79CD2

 D7B2D4

 D7C7D6

 D7DDD7

 D7F2D9

 D7FFDB

Harmonies

Analogous

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



7C70FE



D746CA



FA1F86

Triad

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



D746CA



9E8200



00A2CB

Complementary

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



D746CA



46D753

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.



00A284



D746CA



579400

Square

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



D746CA



D46400



009D39



009CFF

Rectangle

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



D746CA



FB2C57



009D39



00A2B4

Sweetspot

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



D746CA



FFCCFA



5246D7



80617D



000000



808080

Same Dimension

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



D746CA



FF30EC



D74682



6B606A



AB009C



2B0027

Inverse Universe

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



D746CA



FF30EC



46D79B



6B606A



AB009C



2B0027

Previews

White Background



This preview shows how the Hex color D746CA looks on a white background.

Color Contrast Check

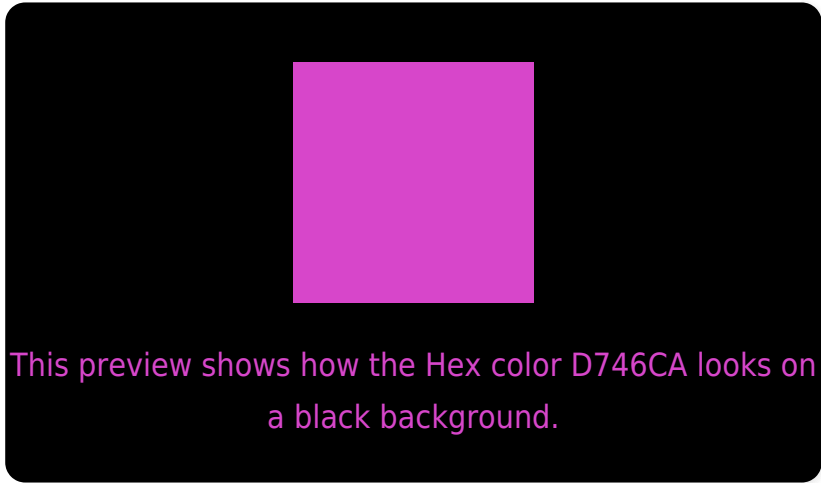
Large Text (above 18pt) WCAG AA ✓ Pass

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 D746CA Background



This preview shows how black text looks on a background with the Hex color D746CA.

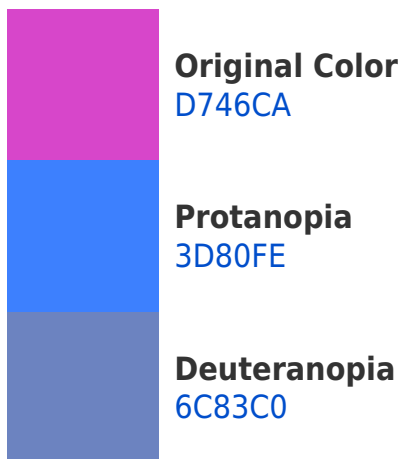



This preview shows how white text looks on a background with the Hex color D746CA.

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](#).

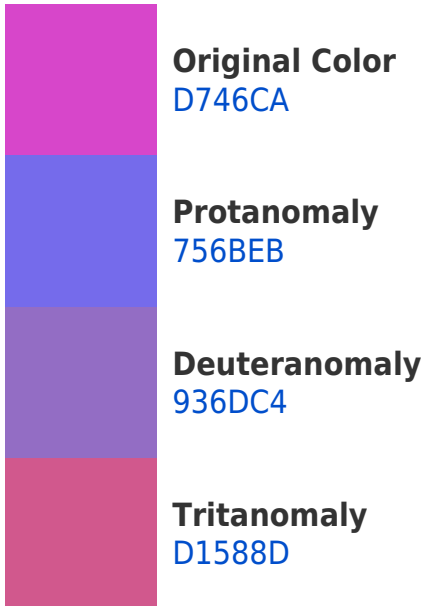
Dichromacy





Tritanopia
CD636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D746CA 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 #D746CA looks like.

```
.text, #text, p{  
    color:#D746CA  
}
```

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 #D746CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D746CA
}
```

Border

The CSS property to change the border of an element to Hex D746CA 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
#D746CA }
```

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

```
.border{ border-color:#D746CA }
```

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

Here you see how a box with a 4 pixel #D746CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D746CA; -webkit-box-shadow:4px 4px  
4px 4px #D746CA; box-shadow:4px 4px 4px  
4px #D746CA }
```

Background

The CSS property to change the background color of an element to Hex D746CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D746CA }
```

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

```
.background{ background-color:#D746CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor