

Converting Colors

Hex(D76CAD)

Have a look what the booklet for
Hex(D76CAD) contains.

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Color

Hex(D76CAD)

Conversions

Conversions Part 1

Format	Color
Hex	D76CAD
RGB	215, 108, 173
RGB Percent	84%, 42%, 68%
CMY	0.1569, 0.5765, 0.3216
CMYK	0.00, 0.50, 0.20, 0.16
HSL	324°, 57%, 63%
HSV	324°, 50%, 84%
XYZ	40.9297, 28.1893, 42.8190
YIQ	147.4030, 42.9070, 42.8990

Conversions

Conversions Part 2

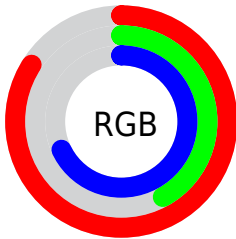
Format	Color
R_{YB}	215, 108, 173
Decimal	14118061
CIE _{Lab}	60.06, 49.73, -15.39
CIE _{LCh}	60, 52.060, 342.803
Yxy	28.1893, 0.3656, 0.2518
Android (android.graphics.Color)	4292308141 (0xFFD76CAD)
YUV	147.4030, 12.6193, 59.2826
Hunter-Lab	53.0936, 44.6913, -10.6507

Details

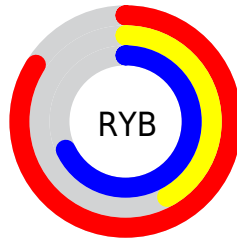
The Hex color **D76CAD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CD796**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA2E4**, and **9E3679** is the 20% darker color. If you saturate the color by 10%, you get **D756A5**, and if you desaturate by 10%, it is **D782B5**.

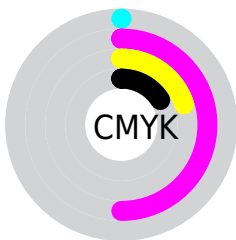
Distribution



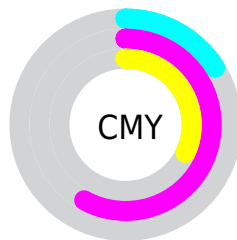
- Red (84%)
- Green (42%)
- Blue (68%)



- Red (84%)
- Yellow (42%)
- Blue (68%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D76CAD 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 D76CAD by changing the saturation by 10% instead.

 D76CAD

 D76CAD

FFFFFF

 BA5192

 FFA2E4

 9E3679

 FFBFFF

 821960

 FFDBFF

 670048

 FFF8FF

 4C0031

 35001D

 110000

 000000

 D76CAD

 D76CAD

 D756A5

 D782B5

 D7419C

 D797BE

 D72C94

 D7ADC6

 D7168B

 D7C2CF

 D70183

 D7D8D7

 D70083

 D7EDE0

 D7FFE8

 D7FFF1

 D7FFF9

Harmonies

Analogous

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



AD7CD4



D76CAD



E6687F

Triad

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



D76CAD



979531



00A5CE

Complementary

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



D76CAD



6CD796

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.



00A7A4



D76CAD



649F4A

Square

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



D76CAD



C08536



00A674



009DE8

Rectangle

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



D76CAD



E26E62



00A674



00A6C1

Sweetspot

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



D76CAD



FFD9F0



956CD7



806976



000000



808080

Same Dimension

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



D76CAD



FF66C3



D76C78



6B6067



AB0068



2B001A

Inverse Universe

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



D76CAD



FF66C3



6CD7CB



6B6067



AB0068



2B001A

Previews

White Background



This preview shows how the Hex color D76CAD looks on a white background.

Color Contrast Check

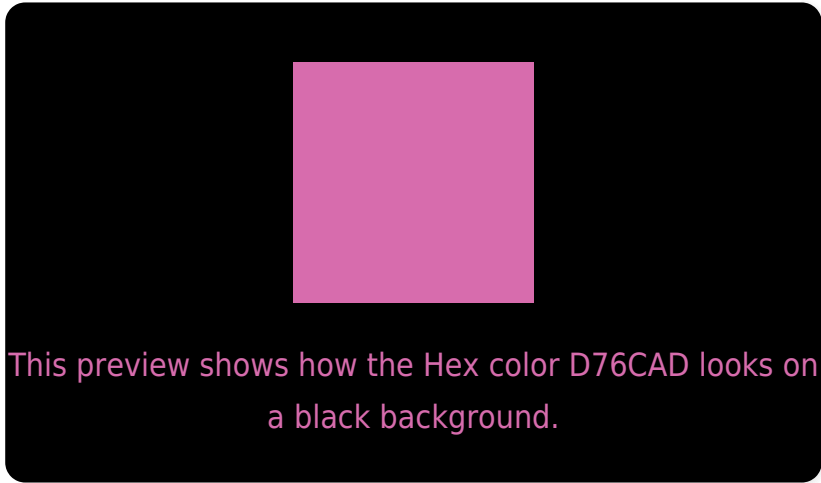
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76CAD Background



This preview shows how black text looks on a background with the Hex color D76CAD.

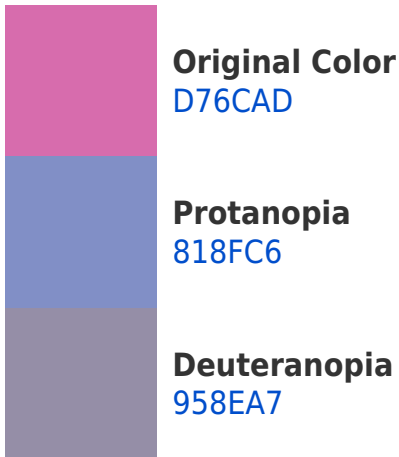


This preview shows how white text looks on a background with the Hex color D76CAD.

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
D2767E

Trichromacy



Original Color
D76CAD



Protanomaly
A082BD



Deuteranomaly
AD82A9

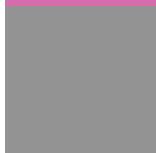


Tritanomaly
D4728F

Monochromacy



Original Color
D76CAD



Achromatopsia
939393



Achromatomaly
AC859C

CSS Examples

Text

The CSS property to change the color of the text to Hex D76CAD 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 #D76CAD looks like.

```
.text, #text, p{  
    color:#D76CAD  
}
```

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 #D76CAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76CAD
}
```

Border

The CSS property to change the border of an element to Hex D76CAD 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
#D76CAD }
```

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

```
.border{ border-color:#D76CAD }
```

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

Here you see how a box with a 4 pixel #D76CAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76CAD; -webkit-box-shadow:4px 4px  
4px 4px #D76CAD; box-shadow:4px 4px 4px  
4px #D76CAD }
```

Background

The CSS property to change the background color of an element to Hex D76CAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76CAD }
```

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

```
.background{ background-color:#D76CAD }
```

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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