

Converting Colors

Hex(D76AAC)

Have a look what the booklet for
Hex(D76AAC) contains.

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Color

Hex(D76AAC)

Conversions

Conversions Part 1

Format	Color
Hex	D76AAC
RGB	215, 106, 172
RGB Percent	84%, 42%, 67%
CMY	0.1569, 0.5843, 0.3255
CMYK	0.00, 0.51, 0.20, 0.16
HSL	324°, 58%, 63%
HSV	324°, 51%, 84%
XYZ	40.6248, 27.7337, 42.2417
YIQ	146.1150, 43.7780, 43.6340

Conversions

Conversions Part 2

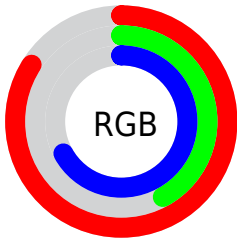
Format	Color
RYB	215, 106, 172
Decimal	14117548
CIELab	59.65, 50.57, -15.44
CIElCh	60, 52.874, 343.021
Yxy	27.7337, 0.3673, 0.2508
Android (android.graphics.Color)	4292307628 (0xFFD76AAC)
YUV	146.1150, 12.7613, 60.4121
Hunter-Lab	52.6628, 45.5373, -10.6935

Details

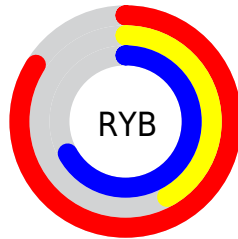
The Hex color **D76AAC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AD795**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA1E3**, and **9E3478** is the 20% darker color. If you saturate the color by 10%, you get **D755A4**, and if you desaturate by 10%, it is **D780B4**.

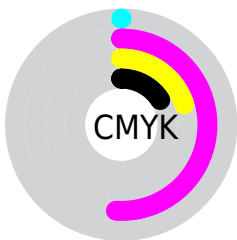
Distribution



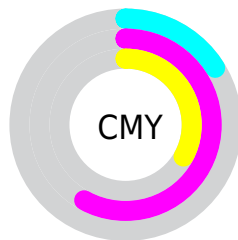
- Red (84%)
- Green (42%)
- Blue (67%)



- Red (84%)
- Yellow (42%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D76AAC 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 D76AAC by changing the saturation by 10% instead.

 D76AAC

 D76AAC

FFFFFF

 BA4F91

 FFA1E3

 9E3478

 FFBDFE

 82155F

 FFD9FF

 670047

 FFF6FF

 4C0030

 35001C

 0F0000

 000000

 D76AAC

 D76AAC

 D755A4

 D780B4

 D73F9B

 D795BD

 D72A93

 D7ABC5

 D7148A

 D7C0CE

 D70082

 D7D6D6

 D7EBDF

 D7FFE7

 D7FFF0

 D7FFF8

Harmonies

Analogous

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



AD7BD4



D76AAC



E5667D

Triad

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



D76AAC



96942E



00A4CE

Complementary

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



D76AAC



6AD795

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.



00A7A3



D76AAC



629F48

Square

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



D76AAC



BF8433



00A573



009CE8

Rectangle

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



D76AAC



E16D60



00A573



00A5C1

Sweetspot

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



D76AAC



FFD9F0



946AD7



806976



000000



808080

Same Dimension

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



D76AAC



FF63C2



D76A77



6B6067



AB0067



2B001A

Inverse Universe

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



D76AAC



FF63C2



6AD7CA



6B6067



AB0067



2B001A

Previews

White Background



This preview shows how the Hex color D76AAC looks on a white background.

Color Contrast Check

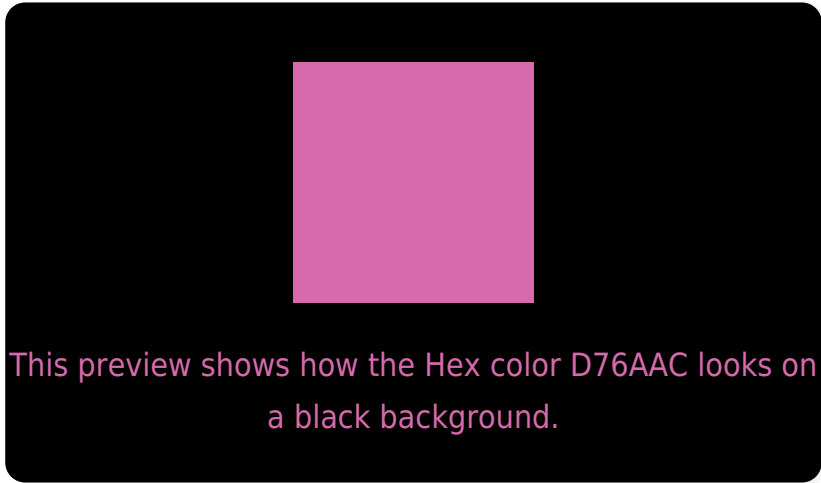
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76AAC Background



This preview shows how black text looks on a background with the Hex color D76AAC.

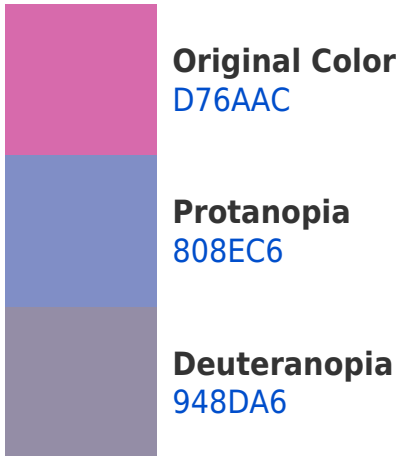


This preview shows how white text looks on a background with the Hex color D76AAC.

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
D2747C

Trichromacy



Original Color
D76AAC



Protanomaly
A081BD



Deuteranomaly
AC80A8

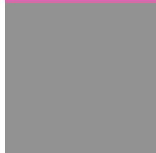


Tritanomaly
D4708D

Monochromacy



Original Color
D76AAC



Achromatopsia
929292



Achromatomaly
AB839B

CSS Examples

Text

The CSS property to change the color of the text to Hex D76AAC 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 #D76AAC looks like.

```
.text, #text, p{  
    color:#D76AAC  
}
```

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 #D76AAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76AAC
}
```

Border

The CSS property to change the border of an element to Hex D76AAC 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
#D76AAC }
```

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

```
.border{ border-color:#D76AAC }
```

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

Here you see how a box with a 4 pixel #D76AAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76AAC; -webkit-box-shadow:4px 4px  
4px 4px #D76AAC; box-shadow:4px 4px 4px  
4px #D76AAC }
```

Background

The CSS property to change the background color of an element to Hex D76AAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76AAC }
```

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

```
.background{ background-color:#D76AAC }
```

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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