

Converting Colors

Hex(D76AA3)

Have a look what the booklet for
Hex(D76AA3) contains.

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Color

Hex(D76AA3)

Conversions

Conversions Part 1

Format	Color
Hex	D76AA3
RGB	215, 106, 163
RGB Percent	84%, 42%, 64%
CMY	0.1569, 0.5843, 0.3608
CMYK	0.00, 0.51, 0.24, 0.16
HSL	329°, 58%, 63%
HSV	329°, 51%, 84%
XYZ	39.7892, 27.3995, 37.8418
YIQ	145.0890, 46.6670, 40.8350

Conversions

Conversions Part 2

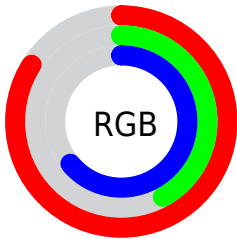
Format	Color
RYB	215, 106, 163
Decimal	14117539
CIELab	59.34, 49.28, -10.72
CIElCh	59, 50.435, 347.734
Yxy	27.3995, 0.3788, 0.2609
Android (android.graphics.Color)	4292307619 (0xFFD76AA3)
YUV	145.0890, 8.8301, 61.3119
Hunter-Lab	52.3445, 44.0823, -6.2218

Details

The Hex color **D76AA3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AD79E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA0DA**, and **9D346F** is the 20% darker color. If you saturate the color by 10%, you get **D75599**, and if you desaturate by 10%, it is **D780AD**.

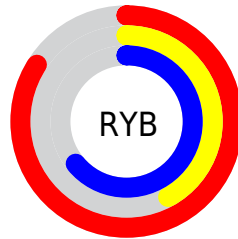
Distribution



Red (84%)

Green (42%)

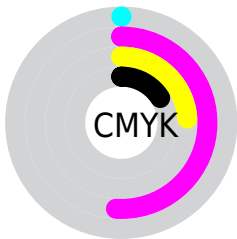
Blue (64%)



Red (84%)

Yellow (42%)

Blue (64%)

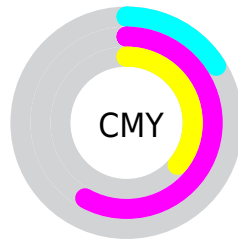


Cyan (0%)

Magenta (51%)

Yellow (24%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color D76AA3 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 D76AA3 by changing the saturation by 10% instead.

 D76AA3

 D76AA3

FFFFFF

 BA4F89

 FFA0DA

 9D346F

 FFBCF6

 821657

 FFD9FF

 660040

 FFF6FF

 4B002A

 340015

 090000

 000000

 D76AA3

 D76AA3

 D75599

 D780AD

 D73F8E

 D795B8

 D72A84

 D7ABC2

 D7147A

 D7C0CC

 D70070

 D7D6D6

 D7EBE1

 D7FFEB

 D7FFF5

 D7FFFF

Harmonies

Analogous

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



B378CB



D76AA3



E16976

Triad

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



D76AA3



8E9535



00A2CF

Complementary

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



D76AA3



6AD79E

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.



00A5A8



D76AA3



5B9E51

Square

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



D76AA3



B78635



00A47B



0099E5

Rectangle

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



D76AA3



DB705B



00A47B



00A3C4

Sweetspot

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



D76AA3



FFD9ED



9D6AD7



806975



000000



808080

Same Dimension

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



D76AA3



FF63B5



D76A6E



6B6066



AB0059



2B0017

Inverse Universe

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



D76AA3



FF63B5



6AD7D3



6B6066



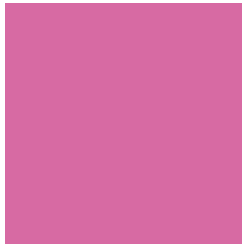
AB0059



2B0017

Previews

White Background



This preview shows how the Hex color D76AA3 looks on a white background.

Color Contrast Check

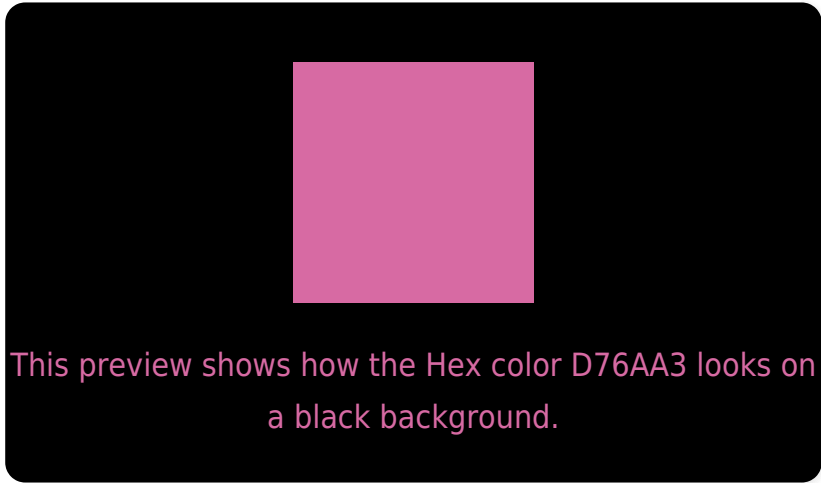
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76AA3 Background



This preview shows how black text looks on a background with the Hex color D76AA3.



This preview shows how white text looks on a background with the Hex color D76AA3.

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](#).

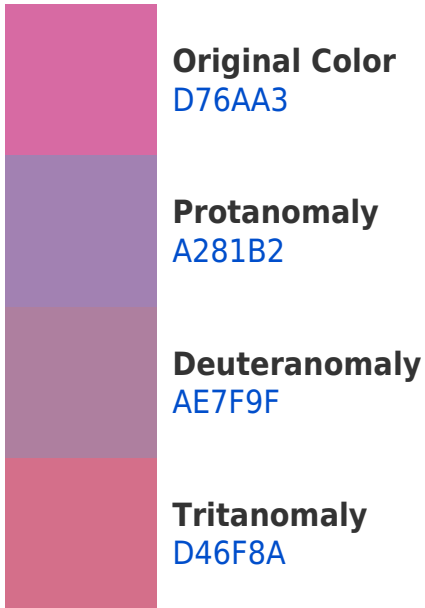
Dichromacy



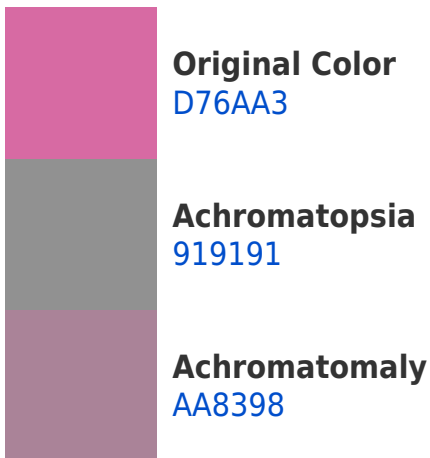


Tritanopia
D3727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D76AA3 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 #D76AA3 looks like.

```
.text, #text, p{  
    color:#D76AA3  
}
```

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 #D76AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76AA3
}
```

Border

The CSS property to change the border of an element to Hex D76AA3 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
#D76AA3 }
```

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

```
.border{ border-color:#D76AA3 }
```

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

Here you see how a box with a 4 pixel #D76AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76AA3; -webkit-box-shadow:4px 4px  
4px 4px #D76AA3; box-shadow:4px 4px 4px  
4px #D76AA3 }
```

Background

The CSS property to change the background color of an element to Hex D76AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76AA3 }
```

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

```
.background{ background-color:#D76AA3 }
```

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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