

Converting Colors

Hex(D7616A)

Have a look what the booklet for
Hex(D7616A) contains.

Hex(D7616A)	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(D7616A)

Conversions

Conversions Part 1

Format	Color
Hex	D7616A
RGB	215, 97, 106
RGB Percent	84%, 38%, 42%
CMY	0.1569, 0.6196, 0.5843
CMYK	0.00, 0.55, 0.51, 0.16
HSL	355°, 60%, 61%
HSV	355°, 55%, 84%
XYZ	34.9005, 24.0371, 16.4358
YIQ	133.3080, 67.4390, 27.8150

Conversions

Conversions Part 2

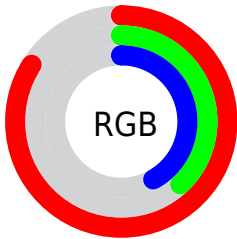
Format	Color
R_{YB}	215, 97, 106
Decimal	14115178
CIE _{Lab}	56.12, 47.16, 17.86
CIE _{LCh}	56, 50.429, 20.746
Yxy	24.0371, 0.4630, 0.3189
Android (android.graphics.Color)	4292305258 (0xFFD7616A)
YUV	133.3080, -13.4628, 71.6439
Hunter-Lab	49.0276, 41.2678, 14.4432

Details

The Hex color **D7616A** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61D7CE**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF979D**, and **9C2B3B** is the 20% darker color. If you saturate the color by 10%, you get **D74C56**, and if you desaturate by 10%, it is **D7767E**.

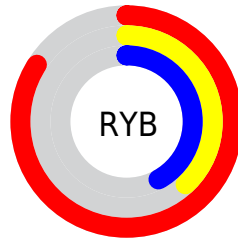
Distribution



Red (84%)

Green (38%)

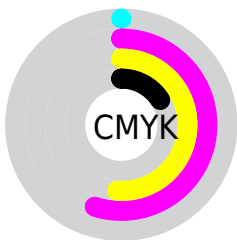
Blue (42%)



Red (84%)

Yellow (38%)

Blue (42%)

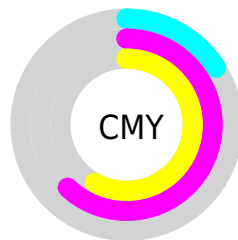


Cyan (0%)

Magenta (55%)

Yellow (51%)

Black (16%)



Cyan (16%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7616A 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 D7616A by changing the saturation by 10% instead.

 D7616A

 D7616A

FFFFFF

 B94652

 FF979D

 9C2B3B

 FFB3B8

 7E0925

 FFCFD4

 620011

 FFECF0

 460000

 2B0001

 000000

 D7616A

 D7616A

 D74C56

 D7767E

 D73642

 D78C92

 D7212E

 D7A2A6

 D70B1B

 D7B7B9

 D70010

 D7CDCD

 D7E2E1

 D7F7F5

 D7FFFF

Harmonies

Analogous

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



D06196



D7616A



C96F44

Triad

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



D7616A



4C974C



008FDD

Complementary

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



D7616A



61D7CE

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.



0098CA



D7616A



009B77

Square

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



D7616A



818D2E



009CA4



7180D9

Rectangle

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



D7616A



B67A31



009CA4



0093D9

Sweetspot

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



D7616A



FFD6D9



CD61D7



806769



000000



808080

Same Dimension

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



D7616A



FF5764



D79261



6B6061



AB000D



2B0003

Inverse Universe

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



D7616A



FF5764



61A6D7



6B6061



AB000D



2B0003

Previews

White Background



This preview shows how the Hex color D7616A looks on a white background.

Color Contrast Check

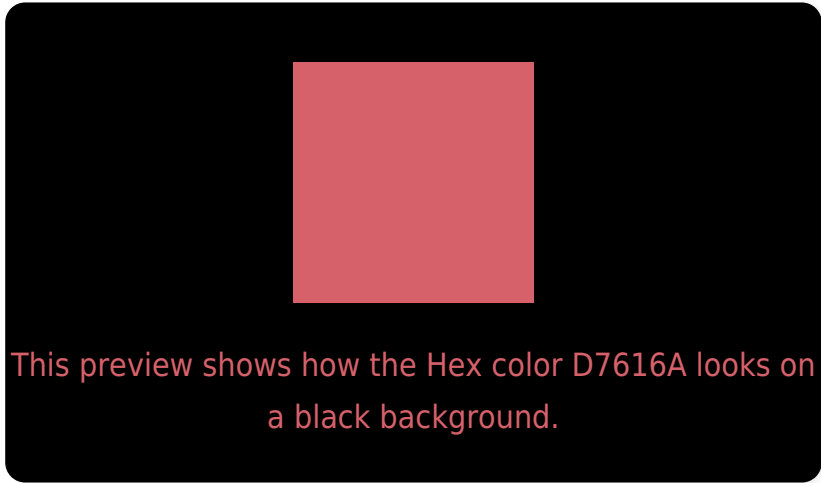
Large Text (above 18pt) WCAG AA ✓ Pass

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 D7616A Background



This preview shows how black text looks on a background with the Hex color D7616A.

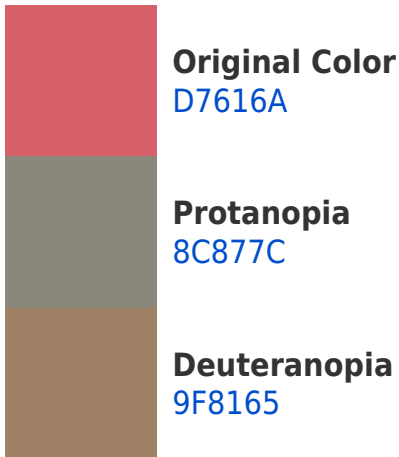


This preview shows how white text looks on a background with the Hex color D7616A.

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](#).

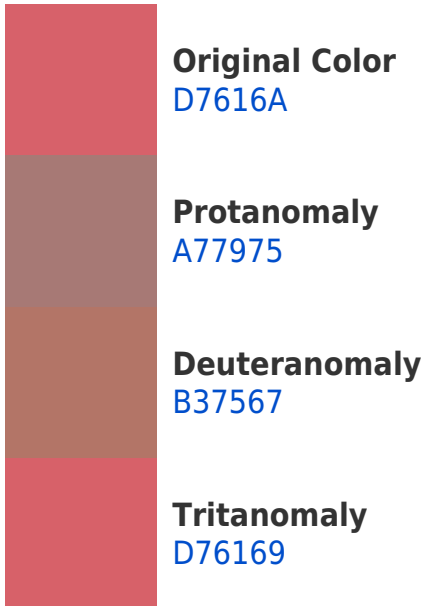
Dichromacy



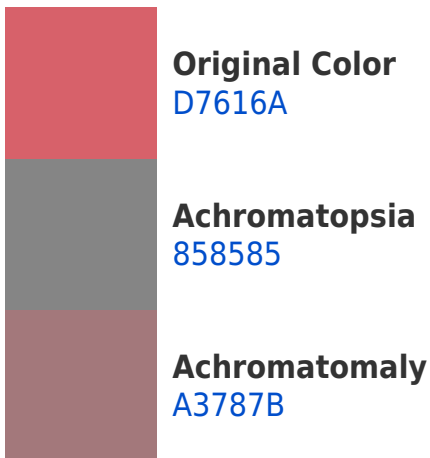


Tritanopia
D76168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7616A 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 #D7616A looks like.

```
.text, #text, p{  
    color:#D7616A  
}
```

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 #D7616A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7616A
}
```

Border

The CSS property to change the border of an element to Hex D7616A is called "border". The border property can be set on classes, ids or directly on the HTML element.

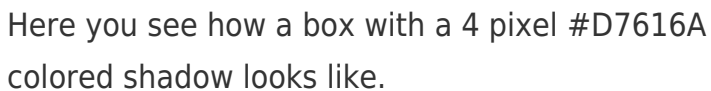
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D7616A }
```

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

```
.border{ border-color:#D7616A }
```

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



Here you see how a box with a 4 pixel #D7616A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7616A; -webkit-box-shadow:4px 4px  
4px 4px #D7616A; box-shadow:4px 4px 4px  
4px #D7616A }
```

Background

The CSS property to change the background color of an element to Hex D7616A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7616A }
```

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

```
.background{ background-color:#D7616A }
```

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