

Converting Colors

Hex(D4736E)

Have a look what the booklet for
Hex(D4736E) contains.

Hex(D4736E)	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(D4736E)

Conversions

Conversions Part 1

Format	Color
Hex	D4736E
RGB	212, 115, 110
RGB Percent	83%, 45%, 43%
CMY	0.1686, 0.5490, 0.5686
CMYK	0.00, 0.46, 0.48, 0.17
HSL	3°, 54%, 63%
HSV	3°, 48%, 83%
XYZ	36.0966, 27.3843, 18.1351
YIQ	143.4330, 59.4170, 19.0090

Conversions

Conversions Part 2

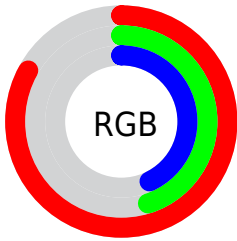
Format	Color
R _Y B	212, 115, 110
Decimal	13923182
CIE Lab	59.33, 37.40, 19.84
CIE LCh	59, 42.331, 27.944
Yxy	27.3843, 0.4423, 0.3355
Android (android.graphics.Color)	4292113262 (0xFFD4736E)
YUV	143.4330, -16.4825, 60.1333
Hunter-Lab	52.3300, 31.5495, 16.0840

Details

The Hex color **D4736E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6ECFD4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA9A2**, and **9A403E** is the 20% darker color. If you saturate the color by 10%, you get **D45F59**, and if you desaturate by 10%, it is **D48783**.

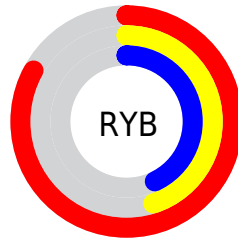
Distribution



Red (83%)

Green (45%)

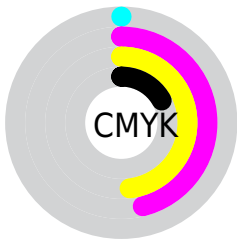
Blue (43%)



Red (83%)

Yellow (45%)

Blue (43%)

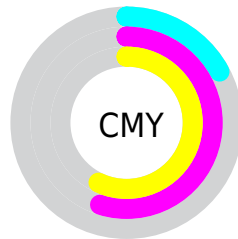


Cyan (0%)

Magenta (46%)

Yellow (48%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4736E 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 D4736E by changing the saturation by 10% instead.

 D4736E

 D4736E

FFFFFF

 B75956

 FFA9A2

 9A403E

 FFC4BD

 7D2729

 FFE1D8

 610A14

 FFFEF5

 460000

 2E0002

 000000

 D4736E

 D4736E

 D45F59

 D48783

 D44B44

 D49B98

 D4372E

 D4AFAE

 D42219

 D4C4C3

 D40E04

 D4D8D8

 D40A00

 D4ECED

 D4FFFF

Harmonies

Analogous

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



D27093



D4736E



C47E51

Triad

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



D4736E



549E66



4893D9

Complementary

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



D4736E



6ECFD4

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.



009DCD



D4736E



00A28B

Square

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



D4736E



82974B



00A1B1



8E86D1

Rectangle

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



D4736E



B28745



00A1B1



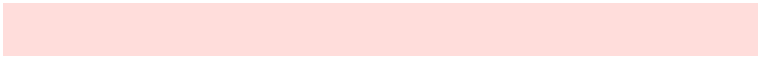
2097D7

Sweetspot

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



D4736E



FFDDBB



D46ED1



806B6A



000000



808080

Same Dimension

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



D4736E



FF726B



D4A46E



6B6160



AB0800



2B0200

Inverse Universe

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



6ECFD4



6BF8FF



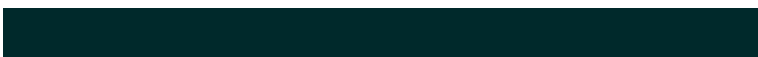
6E9ED4



606B6B



00A2AB



00292B

Previews

White Background



This preview shows how the Hex color D4736E looks on a white background.

Color Contrast Check

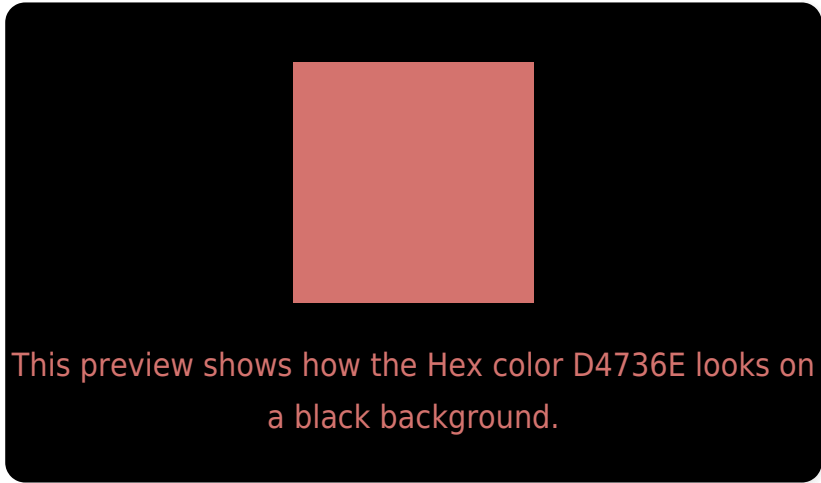
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4736E Background



This preview shows how black text looks on a background with the Hex color D4736E.



This preview shows how white text looks on a background with the Hex color D4736E.

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](#).

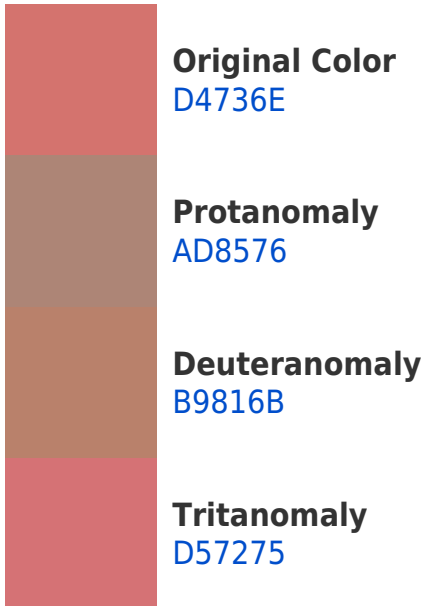
Dichromacy



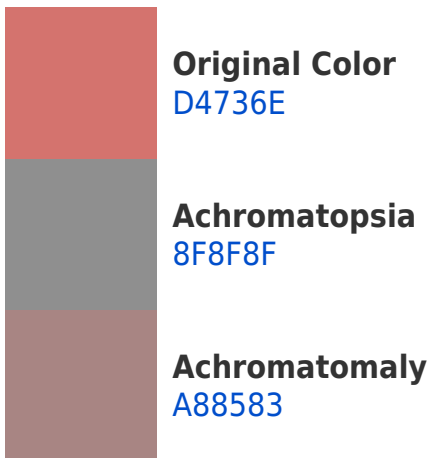


Tritanopia
D57179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4736E 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 #D4736E looks like.

```
.text, #text, p{  
    color:#D4736E  
}
```

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 #D4736E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4736E
}
```

Border

The CSS property to change the border of an element to Hex D4736E is called "border". The border property can be set on classes, ids or directly on the HTML element.

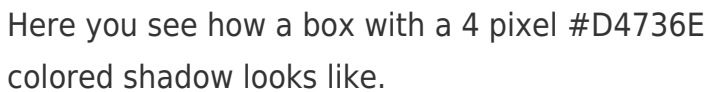
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4736E }
```

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

```
.border{ border-color:#D4736E }
```

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



Here you see how a box with a 4 pixel #D4736E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4736E; -webkit-box-shadow:4px 4px  
4px 4px #D4736E; box-shadow:4px 4px 4px  
4px #D4736E }
```

Background

The CSS property to change the background color of an element to Hex D4736E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4736E }
```

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

```
.background{ background-color:#D4736E }
```

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