

Converting Colors

Hex(D46477)

Have a look what the booklet for
Hex(D46477) contains.

Hex(D46477)	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(D46477)

Conversions

Conversions Part 1

Format	Color
Hex	D46477
RGB	212, 100, 119
RGB Percent	83%, 39%, 47%
CMY	0.1686, 0.6078, 0.5333
CMYK	0.00, 0.53, 0.44, 0.17
HSL	350°, 57%, 61%
HSV	350°, 53%, 83%
XYZ	35.0383, 24.4433, 20.3241
YIQ	135.6540, 60.6530, 29.6530

Conversions

Conversions Part 2

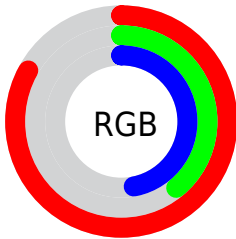
Format	Color
R_{YB}	212, 100, 119
Decimal	13919351
CIE Lab	56.53, 45.89, 10.75
CIE LCh	57, 47.131, 13.184
Yxy	24.4433, 0.4390, 0.3063
Android (android.graphics.Color)	4292109431 (0xFFD46477)
YUV	135.6540, -8.2104, 66.9554
Hunter-Lab	49.4402, 39.9829, 10.2349

Details

The Hex color **D46477** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64D4C1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF9AAB**, and **992F47** is the 20% darker color. If you saturate the color by 10%, you get **D44F65**, and if you desaturate by 10%, it is **D47989**.

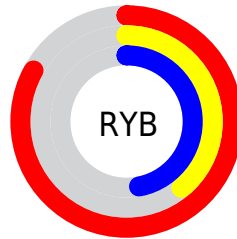
Distribution



Red (83%)

Green (39%)

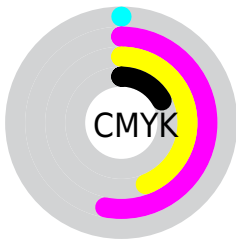
Blue (47%)



Red (83%)

Yellow (39%)

Blue (47%)

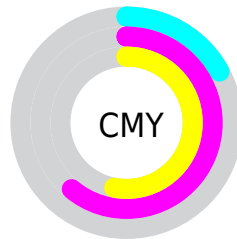


Cyan (0%)

Magenta (53%)

Yellow (44%)

Black (17%)



Cyan (17%)

Magenta (61%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46477 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 D46477 by changing the saturation by 10% instead.

 D46477

 D46477

FFFFFF

 B64A5E

 FF9AAB

 992F47

 FFB6C6

 7D1031

 FFD2E2

 61001C

 FFEFFF

 460000

 2B0001

 000000

 D46477

 D46477

 D44F65

 D47989

 D43A54

 D48E9A

 D42442

 D4A4AC

 D40F31

 D4B9BD

 D40024

 D4CECF

 D4E3E1

 D4F8F2

 D4FFFF

Harmonies

Analogous

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



C767A0



D46477



CB6E51

Triad

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



D46477



609549



0092D6

Complementary

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



D46477



64D4C1

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.



009ABF



D46477



079A6E

Square

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



D46477



8E8B33



009C99



6186D7

Rectangle

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



D46477



BC783E



009C99



0095D0

Sweetspot

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



D46477



FFD6DD



BF64D4



80676B



000000



808080

Same Dimension

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



D46477



FF5E7A



D48764



6B6062



AB001D



2B0007

Inverse Universe

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



D46477



FF5E7A



64B1D4



6B6062



AB001D



2B0007

Previews

White Background



This preview shows how the Hex color D46477 looks on a white background.

Color Contrast Check

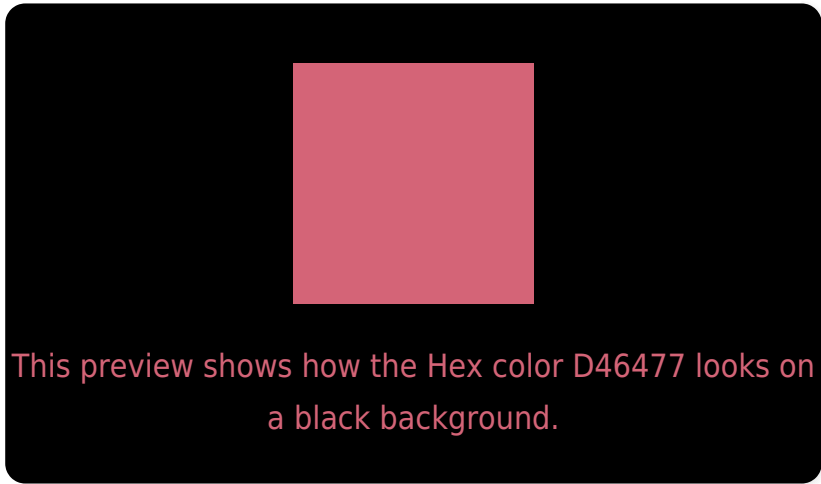
Large Text (above 18pt) WCAG AA ✓ Pass

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 D46477 Background



This preview shows how black text looks on a background with the Hex color D46477.



This preview shows how white text looks on a background with the Hex color D46477.

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



Original Color
D46477

Protanopia
8A878A

Deuteranopia
9D8372



Tritanopia
D3666D

Trichromacy



Original Color
D46477

Protanomaly
A57A83

Deuteranomaly
B17874

Tritanomaly
D36571

Monochromacy



Original Color
D46477

Achromatopsia
888888

Achromatomaly
A47B82

CSS Examples

Text

The CSS property to change the color of the text to Hex D46477 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 #D46477 looks like.

```
.text, #text, p{  
    color:#D46477  
}
```

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 #D46477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46477
}
```

Border

The CSS property to change the border of an element to Hex D46477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

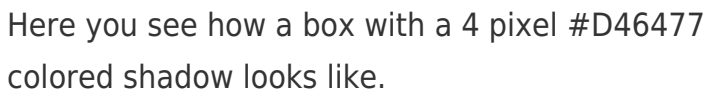
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D46477 }
```

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

```
.border{ border-color:#D46477 }
```

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



Here you see how a box with a 4 pixel #D46477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46477; -webkit-box-shadow:4px 4px  
4px 4px #D46477; box-shadow:4px 4px 4px  
4px #D46477 }
```

Background

The CSS property to change the background color of an element to Hex D46477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46477 }
```

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

```
.background{ background-color:#D46477 }
```

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