

Converting Colors

Hex(D86772)

Have a look what the booklet for
Hex(D86772) contains.

Hex(D86772)	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(D86772)

Conversions

Conversions Part 1

Format	Color
Hex	D86772
RGB	216, 103, 114
RGB Percent	85%, 40%, 45%
CMY	0.1529, 0.5961, 0.5529
CMYK	0.00, 0.52, 0.47, 0.15
HSL	354°, 59%, 63%
HSV	354°, 52%, 85%
XYZ	36.2064, 25.5143, 18.9361
YIQ	138.0410, 63.8170, 27.3770

Conversions

Conversions Part 2

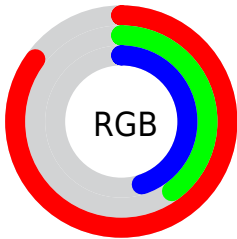
Format	Color
R _Y B	216, 103, 114
Decimal	14182258
CIE Lab	57.57, 45.33, 15.21
CIE LCh	58, 47.813, 18.554
Yxy	25.5143, 0.4489, 0.3163
Android (android.graphics.Color)	4292372338 (0xFFD86772)
YUV	138.0410, -11.8522, 68.3700
Hunter-Lab	50.5117, 39.5520, 13.1313

Details

The Hex color **D86772** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67D8CD**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9DA6**, and **9D3242** is the 20% darker color. If you saturate the color by 10%, you get **D8515F**, and if you desaturate by 10%, it is **D87D85**.

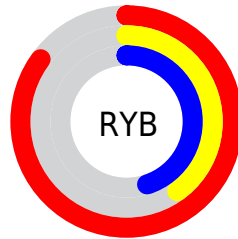
Distribution



Red (85%)

Green (40%)

Blue (45%)



Red (85%)

Yellow (40%)

Blue (45%)

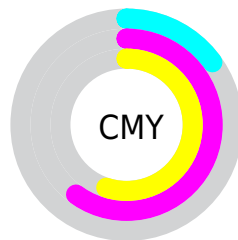


Cyan (0%)

Magenta (52%)

Yellow (47%)

Black (15%)



Cyan (15%)

Magenta (60%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86772 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 D86772 by changing the saturation by 10% instead.

 D86772

 D86772

FFFFFF

 BA4D5A

 FF9DA6

 9D3242

 FFB9C1

 80152C

 FFD5DD

 640018

 FFF2F9

 480000

 2E0002

 000000

 D86772

 D86772

 D8515F

 D87D85

 D83C4B

 D89299

 D82638

 D8A8AC

 D81124

 D8BDC0

 D80015

 D8D3D3

 D8E9E7

 D8FEFA

 D8FFFF

Harmonies

Analogous

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



CF689C



D86772



CC734D

Triad

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



D86772



589951



0093DC

Complementary

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



D86772



67D8CD

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.



009CC8



D86772



009E78

Square

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



D86772



899037



009FA4



7186DA

Rectangle

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



D86772



BA7D3B



009FA4



0097D8

Sweetspot

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



D86772



FFD6DA



CD67D8



80676A



000000



808080

Same Dimension

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



D86772



FF5E6E



D89467



6B6061



AB0011



2B0004

Inverse Universe

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



D86772



FF5E6E



67ABD8



6B6061



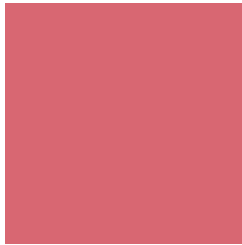
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color D86772 looks on a white background.

Color Contrast Check

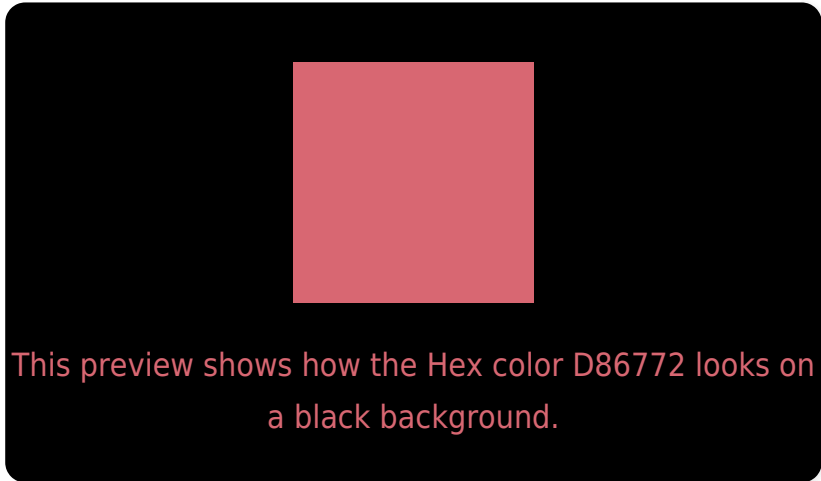
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86772 Background



This preview shows how black text looks on a background with the Hex color D86772.



This preview shows how white text looks on a background with the Hex color D86772.

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](#).

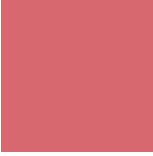
Dichromacy



Original Color
D86772

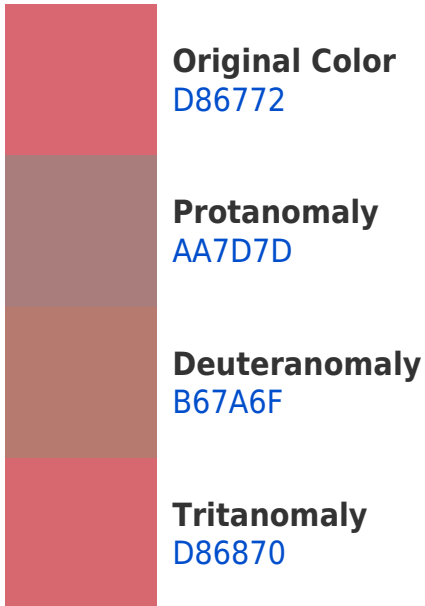
Protanopia
8F8A84

Deuteranopia
A2856D

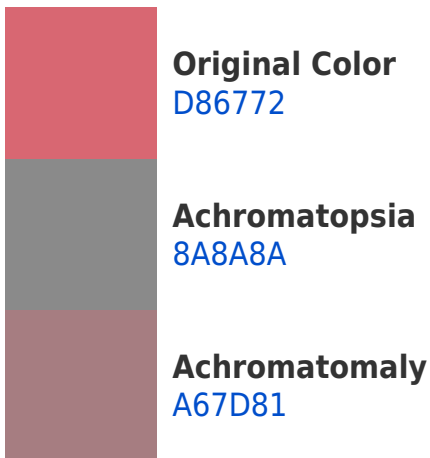


Tritanopia
D8686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D86772 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 #D86772 looks like.

```
.text, #text, p{  
    color:#D86772  
}
```

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 #D86772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86772  
}
```

Border

The CSS property to change the border of an element to Hex D86772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

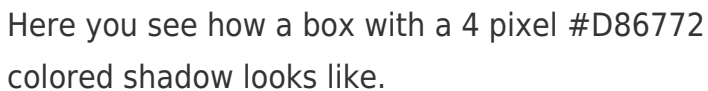
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D86772 }
```

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

```
.border{ border-color:#D86772 }
```

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



Here you see how a box with a 4 pixel #D86772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86772; -webkit-box-shadow:4px 4px  
4px 4px #D86772; box-shadow:4px 4px 4px  
4px #D86772 }
```

Background

The CSS property to change the background color of an element to Hex D86772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86772 }
```

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

```
.background{ background-color:#D86772 }
```

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