

# Converting Colors

Hex(D86247)

Have a look what the booklet for  
Hex(D86247) contains.

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**Color**

**Hex(D86247)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D86247
RGB	216, 98, 71
RGB Percent	85%, 38%, 28%
CMY	0.1529, 0.6157, 0.7216
CMYK	0.00, 0.55, 0.67, 0.15
HSL	11°, 65%, 56%
HSV	11°, 67%, 85%
XYZ	33.8239, 23.7892, 8.7703
YIQ	130.2040, 78.9950, 16.6190

# Conversions

## Conversions Part 2

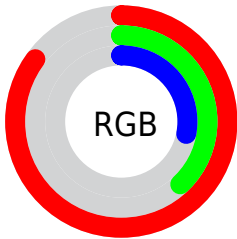
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 104, 71</a>
Decimal	<a href="#">14180935</a>
CIELab	<a href="#">55.88, 44.51, 37.55</a>
CIElCh	<a href="#">56, 58.235, 40.152</a>
Yxy	<a href="#">23.7892, 0.5095, 0.3584</a>
Android (android.graphics.Color)	<a href="#">4292371015 (0xFFD86247)</a>
YUV	<a href="#">130.2040, -29.1876, 75.2431</a>
Hunter-Lab	<a href="#">48.7742, 38.4313, 23.4808</a>

# Details

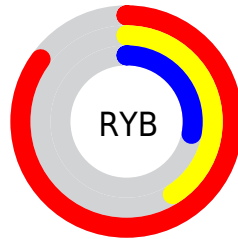
The Hex color **D86247** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47BDD8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9878**, and **9B2D19** is the 20% darker color. If you saturate the color by 10%, you get **D85031**, and if you desaturate by 10%, it is **D8745D**.

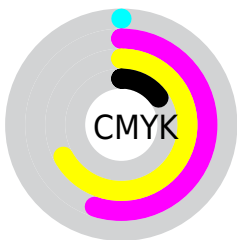
# Distribution



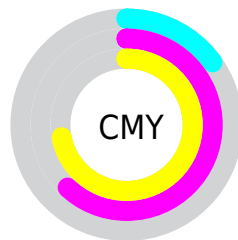
- Red (85%)
- Green (38%)
- Blue (28%)



- Red (85%)
- Yellow (41%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86247 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 D86247 by changing the saturation by 10% instead.



 D86247

 D86247

FFFFFF

 B94830

 FF9878

 9B2D19

 FFB392

 7D0E01

 FFCFAD

 600000

 FFECC9

 430000

 FFFFE5

 280001

 000000

 D86247

 D86247

 D85031

 D8745D

 D83F1C

 D88572

 D82D06

 D89788

 D82800

 D8A89D

 D8BAB3

 D8CBC9

 D8DDDE

 D8EFF4

 D8FFFF

# Harmonies

## Analogous

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



E15577



D86247



BB7720

# Triad

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



D86247



009C62



3786EA

# Complementary

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



D86247



47BDD8

# 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.



0095E5



D86247



009E96

# Square

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



D86247



589532



009CC6



9E71D4

# Rectangle

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



D86247



9F840F



009CC6



008CEB



# Sweetspot

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



D86247



FFD5CC



D847BD



806761



000000



808080



# Same Dimension

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



D86247



FF5730



D8AA47



6B6260



AB2000



2B0800

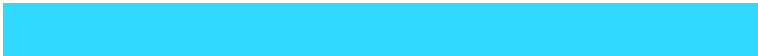


# Inverse Universe

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



47BDD8



30D9FF



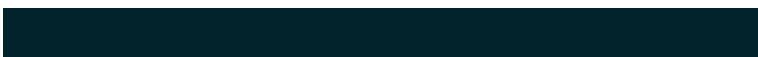
4775D8



60696B



008BAB

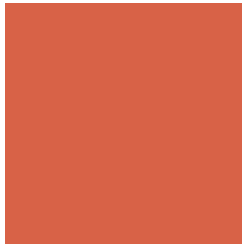


00232B



# Previews

## White Background



This preview shows how the Hex color D86247 looks on a white background.

## Color Contrast Check

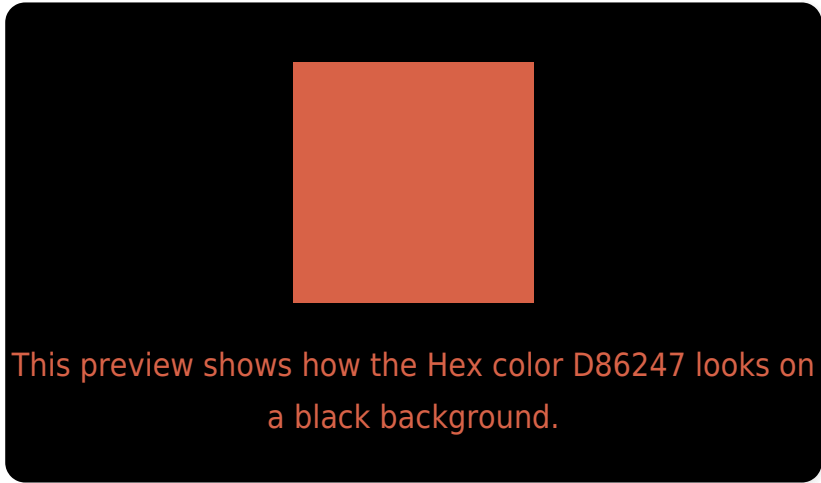
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86247 Background



This preview shows how black text looks on a background with the Hex color D86247.



This preview shows how white text looks on a background with the Hex color D86247.

# 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





# Trichromacy



**Original Color**  
D86247

**Protanomaly**  
AC794F

**Deuteranomaly**  
B87543

**Tritanomaly**  
D95F59

# Monochromacy



**Original Color**  
D86247

**Achromatopsia**  
828282

**Achromatomaly**  
A1766D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86247 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 #D86247 looks like.

```
.text, #text, p{  
    color:#D86247  
}
```

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 #D86247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86247  
}
```

## Border

The CSS property to change the border of an element to Hex D86247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

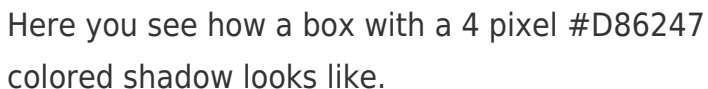
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D86247 }
```

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

```
.border{ border-color:#D86247 }
```

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



Here you see how a box with a 4 pixel #D86247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86247; -webkit-box-shadow:4px 4px  
4px 4px #D86247; box-shadow:4px 4px 4px  
4px #D86247 }
```

# Background

The CSS property to change the background color of an element to Hex D86247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86247 }
```

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

```
.background{ background-color:#D86247 }
```

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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