

# Converting Colors

Hex(D86067)

Have a look what the booklet for  
Hex(D86067) contains.

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**Color**

**Hex(D86067)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D86067
RGB	216, 96, 103
RGB Percent	85%, 38%, 40%
CMY	0.1529, 0.6235, 0.5961
CMYK	0.00, 0.56, 0.52, 0.15
HSL	356°, 61%, 61%
HSV	356°, 56%, 85%
XYZ	34.9500, 23.9439, 15.6115
YIQ	132.6780, 69.2730, 27.6170

# Conversions

## Conversions Part 2

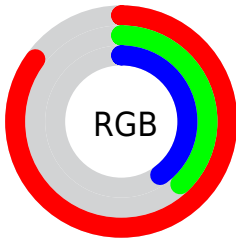
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 96, 103
Decimal	14180455
CIE <sub>Lab</sub>	56.03, 47.73, 19.51
CIE <sub>LCh</sub>	56, 51.565, 22.236
Yxy	23.9439, 0.4691, 0.3214
Android (android.graphics.Color)	4292370535 (0xFFD86067)
YUV	132.6780, -14.6313, 73.0734
Hunter-Lab	48.9326, 41.8612, 15.3368

# Details

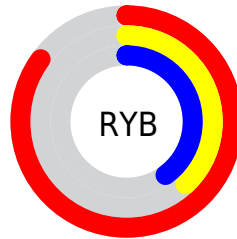
The Hex color **D86067** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60D8D1**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF969A**, and **9C2A38** is the 20% darker color. If you saturate the color by 10%, you get **D84A53**, and if you desaturate by 10%, it is **D8767B**.

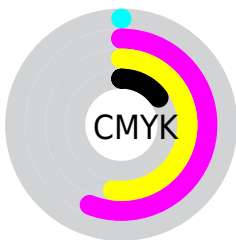
# Distribution



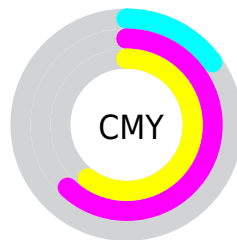
- Red (85%)
- Green (38%)
- Blue (40%)



- Red (85%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86067 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 D86067 by changing the saturation by 10% instead.



 D86067

 D86067

FFFFFF

 BA454F

 FF969A

 9C2A38

 FFB2B5

 7F0623

 FFCED0

 62000E

 FFEBED

 460000

 2B0001

 000000

 D86067

 D86067

 D84A53

 D8767B

 D8353E

 D88B90

 D81F2A

 D8A1A4

 D80A16

 D8B6B8

 D8000D

 D8CCCD

 D8E2E1

 D8F7F5

 D8FFFF

# Harmonies

## Analogous

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



D25F94



D86067



C86F40

# Triad

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



D86067



46974D



008FDF

# Complementary

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



D86067



60D8D1

# 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.



0098CC



D86067



009B79

# Square

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



D86067



7E8E2D



009CA7



737FD9

# Rectangle

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



D86067



B47A2D



009CA7



0093DB



# Sweetspot

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



D86067



FFD4D6



D060D8



806667



000000



808080



# Same Dimension

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



D86067



FF545E



D89460



6B6061



AB000A



2B0003



# Inverse Universe

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



D86067



FF545E



60A4D8



6B6061



AB000A



2B0003



# Previews

## White Background



This preview shows how the Hex color D86067 looks on a white background.

## Color Contrast Check

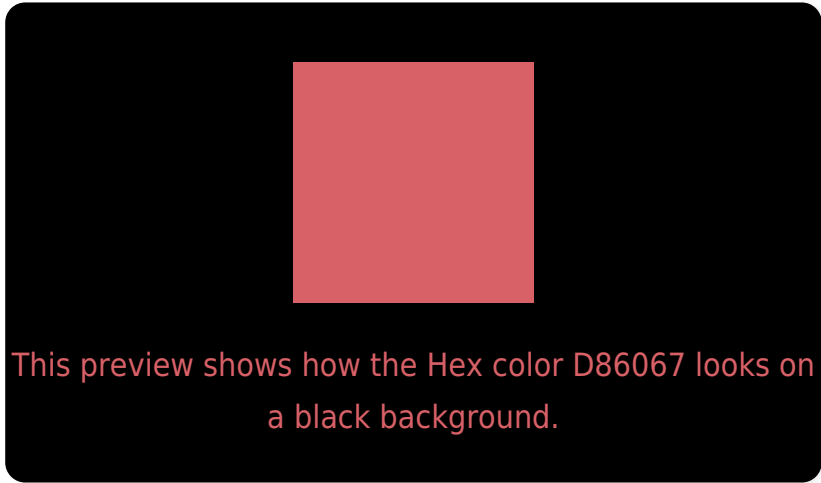
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86067 Background



This preview shows how black text looks on a background with the Hex color D86067.



This preview shows how white text looks on a background with the Hex color D86067.

# 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**  
D86067

# Trichromacy



**Original Color**  
D86067

**Protanomaly**  
A87872

**Deuteranomaly**  
B47564

**Tritanomaly**  
D86067

# Monochromacy



**Original Color**  
D86067

**Achromatopsia**  
858585

**Achromatomaly**  
A3787A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86067 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 #D86067 looks like.

```
.text, #text, p{  
    color:#D86067  
}
```

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 #D86067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86067  
}
```

## Border

The CSS property to change the border of an element to Hex D86067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

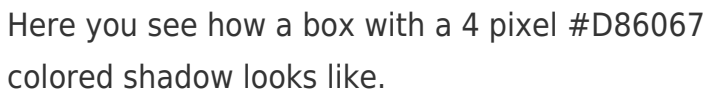
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D86067 }
```

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

```
.border{ border-color:#D86067 }
```

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



Here you see how a box with a 4 pixel #D86067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86067; -webkit-box-shadow:4px 4px  
4px 4px #D86067; box-shadow:4px 4px 4px  
4px #D86067 }
```

# Background

The CSS property to change the background color of an element to Hex D86067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86067 }
```

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

```
.background{ background-color:#D86067 }
```

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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