

Converting Colors

Hex(D86259)

Have a look what the booklet for
Hex(D86259) contains.

Hex(D86259)	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(D86259)

Conversions

Conversions Part 1

Format	Color
Hex	D86259
RGB	216, 98, 89
RGB Percent	85%, 38%, 35%
CMY	0.1529, 0.6157, 0.6510
CMYK	0.00, 0.55, 0.59, 0.15
HSL	4°, 62%, 60%
HSV	4°, 59%, 85%
XYZ	34.4898, 24.0556, 12.2766
YIQ	132.2560, 73.2170, 22.2170

Conversions

Conversions Part 2

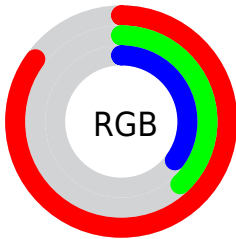
Format	Color
R_{YB}	216, 99, 89
Decimal	14180953
CIE _{Lab}	56.14, 45.67, 27.76
CIE _{LCh}	56, 53.447, 31.298
Yxy	24.0556, 0.4870, 0.3397
Android (android.graphics.Color)	4292371033 (0xFFD86259)
YUV	132.2560, -21.3252, 73.4435
Hunter-Lab	49.0465, 39.6909, 19.4920

Details

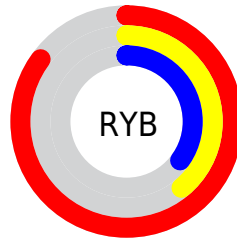
The Hex color **D86259** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **59CFD8**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF988B**, and **9C2D2B** is the 20% darker color. If you saturate the color by 10%, you get **D84E43**, and if you desaturate by 10%, it is **D8766F**.

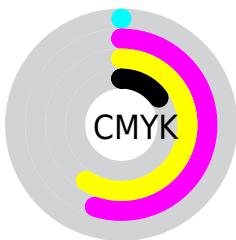
Distribution



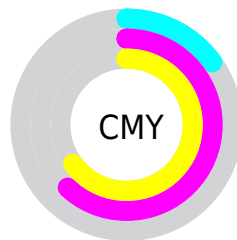
- Red (85%)
- Green (38%)
- Blue (35%)



- Red (85%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86259 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 D86259 by changing the saturation by 10% instead.

 D86259

 D86259

FFFFFF

 BA4841

 FF988B

 9C2D2B

 FFB4A6

 7E0D16

 FFD0C1

 620000

 FFEDDD

 450000

 FFFFF9

 2A0001

 000000

 D86259

 D86259

 D84E43

 D8766F

 D83A2E

 D88A84

 D82618

 D89E9A

 D81203

 D8B2AF

 D80F00

 D8C6C5

 D8DADB

 D8EEF0

 D8FFFF

Harmonies

Analogous

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



D95B86



D86259



C27334

Triad

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



D86259



259A58



008BE4

Complementary

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



D86259



59CFD8

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.



0097D8



D86259



009D87

Square

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



D86259



6E9231



009CB6



8A79D6

Rectangle

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



D86259



AB7F24



009CB6



0090E2

Sweetspot

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



D86259



FFD4D1



D859D0



806563



000000



808080

Same Dimension

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



D86259



FF574A



D8A159



6B6160



AB0C00



2B0300

Inverse Universe

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



59CFD8



4AF2FF



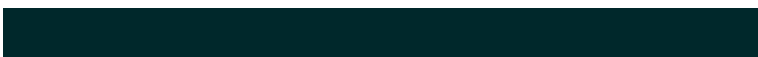
5990D8



606A6B



009FAB



00282B

Previews

White Background



This preview shows how the Hex color D86259 looks on a white background.

Color Contrast Check

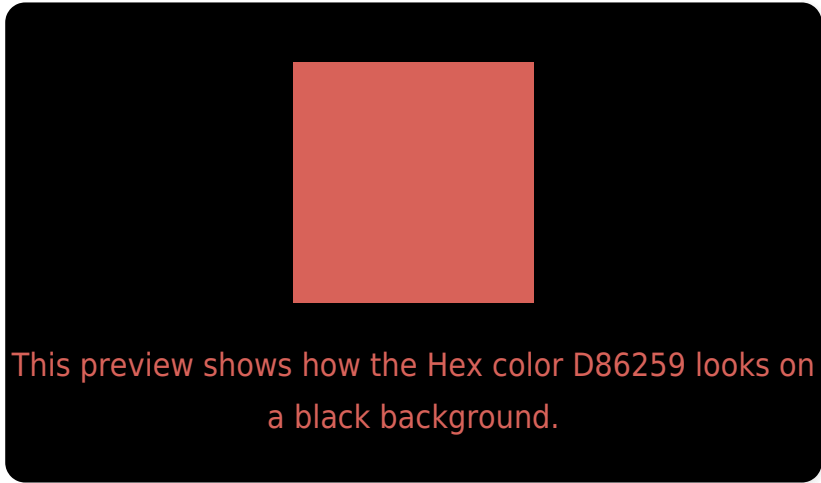
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86259 Background



This preview shows how black text looks on a background with the Hex color D86259.



This preview shows how white text looks on a background with the Hex color D86259.

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
D96066

Trichromacy



Original Color
D86259

Protanomaly
AA7A63

Deuteranomaly
B67656

Tritanomaly
D96161

Monochromacy



Original Color
D86259

Achromatopsia
848484

Achromatomaly
A37874

CSS Examples

Text

The CSS property to change the color of the text to Hex D86259 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 #D86259 looks like.

```
.text, #text, p{  
    color:#D86259  
}
```

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 #D86259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86259
}
```

Border

The CSS property to change the border of an element to Hex D86259 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
#D86259 }
```

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

```
.border{ border-color:#D86259 }
```

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

Here you see how a box with a 4 pixel #D86259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86259; -webkit-box-shadow:4px 4px  
4px 4px #D86259; box-shadow:4px 4px 4px  
4px #D86259 }
```

Background

The CSS property to change the background color of an element to Hex D86259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86259 }
```

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

```
.background{ background-color:#D86259 }
```

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