

Converting Colors

Hex(D86571)

Have a look what the booklet for
Hex(D86571) contains.

Hex(D86571)	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(D86571)

Conversions

Conversions Part 1

Format	Color
Hex	D86571
RGB	216, 101, 113
RGB Percent	85%, 40%, 44%
CMY	0.1529, 0.6039, 0.5569
CMYK	0.00, 0.53, 0.48, 0.15
HSL	354°, 60%, 62%
HSV	354°, 53%, 85%
XYZ	35.9532, 25.0985, 18.5723
YIQ	136.7530, 64.6880, 28.1120

Conversions

Conversions Part 2

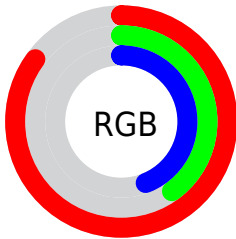
Format	Color
R_{YB}	216, 101, 113
Decimal	14181745
CIE _{Lab}	57.17, 46.21, 15.24
CIE _{LCh}	57, 48.661, 18.252
Yxy	25.0985, 0.4515, 0.3152
Android (android.graphics.Color)	4292371825 (0xFFD86571)
YUV	136.7530, -11.7102, 69.4996
Hunter-Lab	50.0984, 40.4285, 13.0891

Details

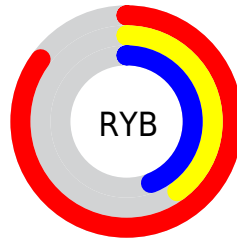
The Hex color **D86571** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65D8CC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9BA5**, and **9D3041** is the 20% darker color. If you saturate the color by 10%, you get **D84F5E**, and if you desaturate by 10%, it is **D87B84**.

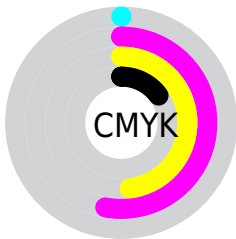
Distribution



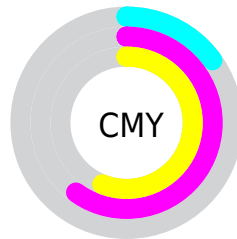
- Red (85%)
- Green (40%)
- Blue (44%)



- Red (85%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (48%)
- Black (15%)



- Cyan (15%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86571 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 D86571 by changing the saturation by 10% instead.

 D86571

 D86571

FFFFFF

 BA4B59

 FF9BA5

 9D3041

 FFB7C0

 80112B

 FFD3DC

 630017

 FFF0F8

 480000

 2E0002

 000000

 D86571

 D86571

 D84F5E

 D87B84

 D83A4A

 D89098

 D82437

 D8A6AB

 D80F24

 D8BBBE

 D80017

 D8D1D2

 D8E7E5

 D8FCF8

 D8FFFF

Harmonies

Analogous

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



CF669C



D86571



CC714B

Triad

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



D86571



56984E



0093DC

Complementary

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



D86571



65D8CC

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.



009BC8



D86571



009D77

Square

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



D86571



888F34



009EA2



6E85DA

Rectangle

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



D86571



BA7C39



009EA2



0096D8

Sweetspot

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



D86571



FFD6DA



CB65D8



80676A



000000



808080

Same Dimension

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



D86571



FF5C6D



D89165



6B6062



AB0012



2B0005

Inverse Universe

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



D86571



FF5C6D



65ACD8



6B6062



AB0012



2B0005

Previews

White Background



This preview shows how the Hex color D86571 looks on a white background.

Color Contrast Check

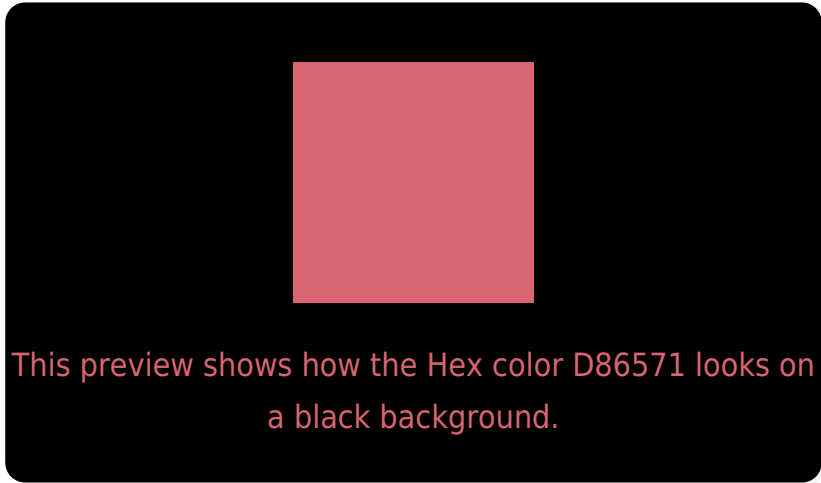
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86571 Background



This preview shows how black text looks on a background with the Hex color D86571.



This preview shows how white text looks on a background with the Hex color D86571.

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
D86571

Protanopia
8E8983

Deuteranopia
A1846C



Tritanopia
D8666D

Trichromacy



Original Color
D86571

Protanomaly
A97C7C

Deuteranomaly
B5796E

Tritanomaly
D8666E

Monochromacy



Original Color
D86571

Achromatopsia
898989

Achromatomaly
A67C80

CSS Examples

Text

The CSS property to change the color of the text to Hex D86571 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 #D86571 looks like.

```
.text, #text, p{  
    color:#D86571  
}
```

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 #D86571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86571
}
```

Border

The CSS property to change the border of an element to Hex D86571 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
#D86571 }
```

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

```
.border{ border-color:#D86571 }
```

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

Here you see how a box with a 4 pixel #D86571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86571; -webkit-box-shadow:4px 4px  
4px 4px #D86571; box-shadow:4px 4px 4px  
4px #D86571 }
```

Background

The CSS property to change the background color of an element to Hex D86571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86571 }
```

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

```
.background{ background-color:#D86571 }
```

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