

Converting Colors

Hex(D86A53)

Have a look what the booklet for
Hex(D86A53) contains.

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Color

Hex(D86A53)

Conversions

Conversions Part 1

Format	Color
Hex	D86A53
RGB	216, 106, 83
RGB Percent	85%, 42%, 33%
CMY	0.1529, 0.5843, 0.6745
CMYK	0.00, 0.51, 0.62, 0.15
HSL	10°, 63%, 59%
HSV	10°, 62%, 85%
XYZ	35.0343, 25.5315, 11.2652
YIQ	136.2680, 72.9430, 16.1670

Conversions

Conversions Part 2

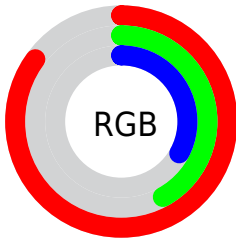
Format	Color
R_{YB}	216, 111, 83
Decimal	14182995
CIE _{Lab}	57.59, 41.30, 32.99
CIE _{LCh}	58, 52.859, 38.614
Yxy	25.5315, 0.4877, 0.3554
Android (android.graphics.Color)	4292373075 (0xFFD86A53)
YUV	136.2680, -26.2611, 69.9250
Hunter-Lab	50.5287, 35.3383, 22.1516

Details

The Hex color **D86A53** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **53C1D8**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FFA085**, and **9C3625** is the 20% darker color. If you saturate the color by 10%, you get **D8583D**, and if you desaturate by 10%, it is **D87C69**.

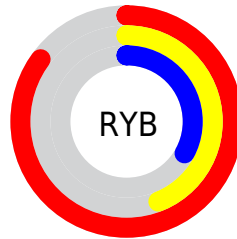
Distribution



Red (85%)

Green (42%)

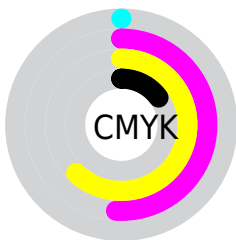
Blue (33%)



Red (85%)

Yellow (44%)

Blue (33%)

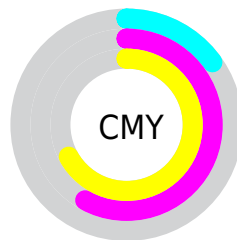


Cyan (0%)

Magenta (51%)

Yellow (62%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86A53 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 D86A53 by changing the saturation by 10% instead.

 D86A53

 D86A53

FFFFFF

 BA503C

 FFA085

 9C3625

 FFBB9F

 7E1B10

 FFD8BA

 620000

 FFF4D6

 450000

 FFFFF3

 2B0001

 000000

 D86A53

 D86A53

 D8583D

 D87C69

 D84628

 D88E7E

 D83412

 D8A094

 D82500

 D8B1A9

 D8C3BF

 D8D5D5

 D8E7EA

 D8F9FF

 D8FFFF

Harmonies

Analogous

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



DF607F



D86A53



BE7C32

Triad

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



D86A53



009E67



488BE6

Complementary

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



D86A53



53C1D8

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.



0098E0



D86A53



00A197

Square

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



D86A53



65983E



009FC3



9E78D3

Rectangle

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



D86A53



A58727



009FC3



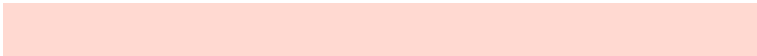
0090E7

Sweetspot

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



D86A53



FFD9D1



D853C2



806863



000000



808080

Same Dimension

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



D86A53



FF6342



D8AC53



6B6260



AB1E00



2B0700

Inverse Universe

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



53C1D8



42DEFF



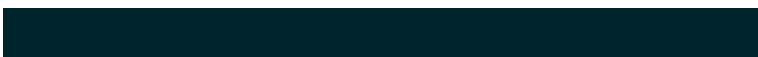
537FD8



60696B



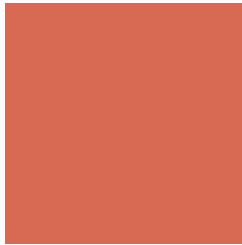
008DAB



00242B

Previews

White Background



This preview shows how the Hex color D86A53 looks on a white background.

Color Contrast Check

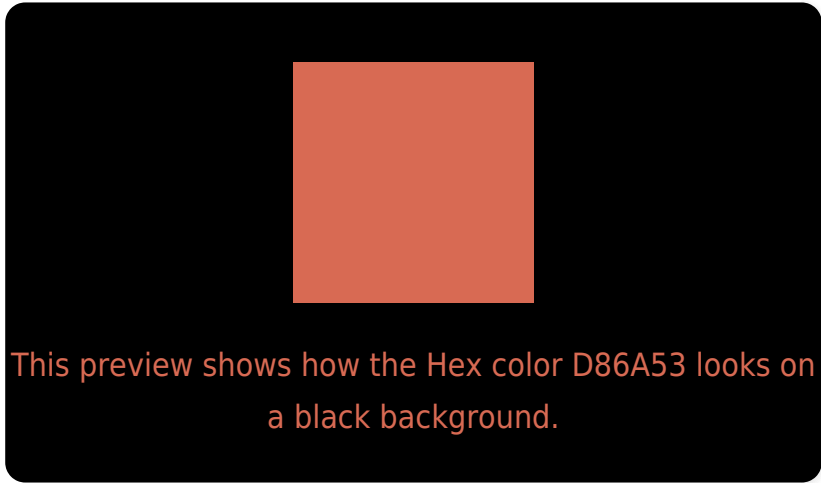
Large Text (above 18pt) WCAG AA ✓ Pass

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 D86A53 Background



This preview shows how black text looks on a background with the Hex color D86A53.

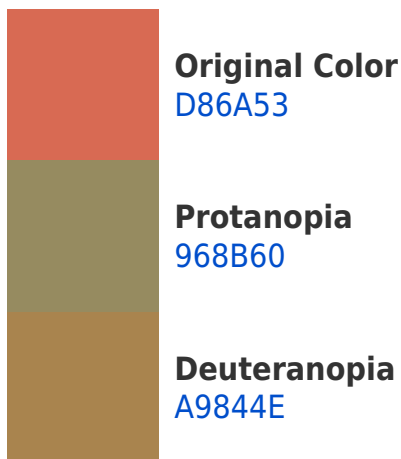



This preview shows how white text looks on a background with the Hex color D86A53.

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
DA666D

Trichromacy



Original Color
D86A53

Protanomaly
AE7F5B

Deuteranomaly
BA7B50

Tritanomaly
D96764

Monochromacy



Original Color
D86A53

Achromatopsia
888888

Achromatomaly
A57D75

CSS Examples

Text

The CSS property to change the color of the text to Hex D86A53 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 #D86A53 looks like.

```
.text, #text, p{  
    color:#D86A53  
}
```

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 #D86A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86A53  
}
```

Border

The CSS property to change the border of an element to Hex D86A53 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  
#D86A53 }
```

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

```
.border{ border-color:#D86A53 }
```

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

Here you see how a box with a 4 pixel #D86A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86A53; -webkit-box-shadow:4px 4px  
4px 4px #D86A53; box-shadow:4px 4px 4px  
4px #D86A53 }
```

Background

The CSS property to change the background color of an element to Hex D86A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86A53 }
```

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

```
.background{ background-color:#D86A53 }
```

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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