

Converting Colors

Hex(DA936D)

Have a look what the booklet for
Hex(DA936D) contains.

Hex(DA936D)	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(DA936D)

Conversions

Conversions Part 1

Format	Color
Hex	DA936D
RGB	218, 147, 109
RGB Percent	85%, 58%, 43%
CMY	0.1451, 0.4235, 0.5725
CMYK	0.00, 0.33, 0.50, 0.15
HSL	21°, 60%, 64%
HSV	21°, 50%, 85%
XYZ	42.1075, 36.8770, 19.3667
YIQ	163.8970, 54.5140, 3.2340

Conversions

Conversions Part 2

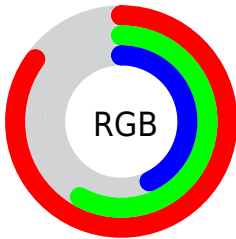
Format	Color
R _Y B	218, 167, 109
Decimal	14324589
CIE Lab	67.18, 22.61, 30.95
CIE LCh	67, 38.324, 53.849
Yxy	36.8770, 0.4281, 0.3750
Android (android.graphics.Color)	4292514669 (0xFFDA936D)
YUV	163.8970, -27.0642, 47.4483
Hunter-Lab	60.7264, 17.5000, 23.5999

Details

The Hex color **DA936D** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6DB4DA**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC9A1**, and **A0603D** is the 20% darker color. If you saturate the color by 10%, you get **DA8557**, and if you desaturate by 10%, it is **DAA183**.

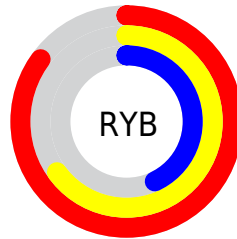
Distribution



Red (85%)

Green (58%)

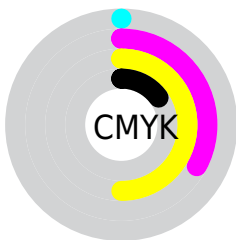
Blue (43%)



Red (85%)

Yellow (65%)

Blue (43%)

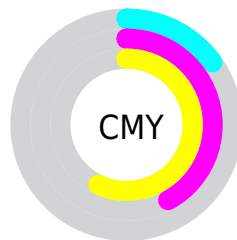


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA936D 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 DA936D by changing the saturation by 10% instead.

 DA936D

 DA936D

FFFFFF

 BD7954

 FFC9A1

 A0603D

 FFE6BC

 844826

 FFFFFD8

 683110

 FFFFF5

 4E1A00

 330400

 160000

 000000

 DA936D

 DA936D

 DA8557

 DAA183

 DA7741

 DAAF99

 DA682C

 DABEAE

 DA5A16

 DACCC4

 DA4C00

 DADADA

 DAE8F0

 DAF6FF

 DAFFFF

Harmonies

Analogous

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



E68A89



DA936D



C09F5E

Triad

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



DA936D



46B59B



9D9DE3

Complementary

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



DA936D



6DB4DA

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.



63A9E8



DA936D



00B6BE

Square

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



DA936D



76B27A



15B1DA



C891CD

Rectangle

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



DA936D



AAA75F



15B1DA



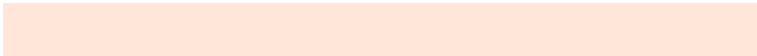
8BA1E6

Sweetspot

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



DA936D



FFE6D9



DA6DB6



807169



000000



808080

Same Dimension

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



DA936D



FF9B66



DAC86D



6E6763



AD3C00



2E1000

Inverse Universe

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



6DB4DA



66CAFF



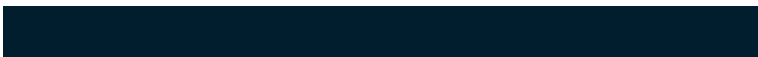
6D7FDA



636A6E



0071AD



001E2E

Previews

White Background



This preview shows how the Hex color DA936D looks on a white background.

Color Contrast Check

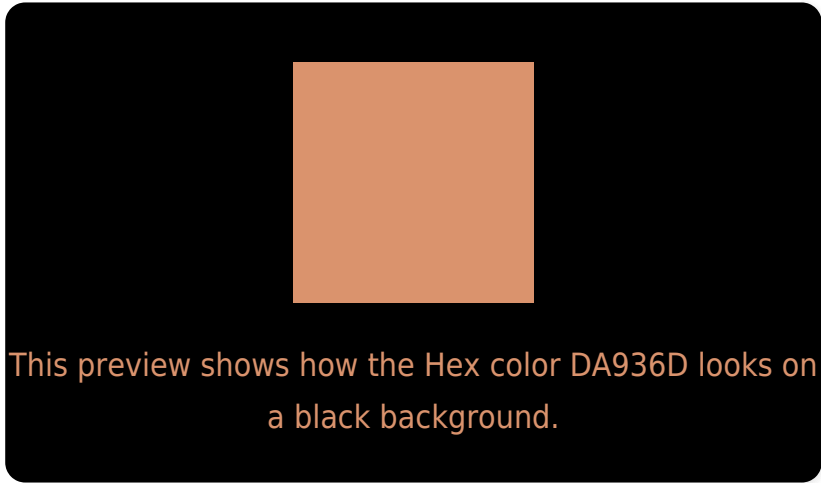
Large Text (above 18pt) WCAG AA × Fail

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

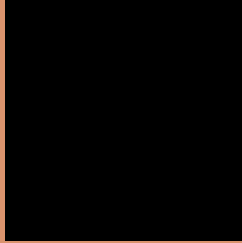
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DA936D Background



This preview shows how black text looks on a background with the Hex color DA936D.



This preview shows how white text looks on a background with the Hex color DA936D.

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
DA936D

Protanopia
B1A474

Deuteranopia
C59D6B



Tritanopia
DE8D98

Trichromacy



Original Color
DA936D

Protanomaly
C09E71

Deuteranomaly
CD996C

Tritanomaly
DD8F88

Monochromacy



Original Color
DA936D

Achromatopsia
A4A4A4

Achromatomaly
B89E90

CSS Examples

Text

The CSS property to change the color of the text to Hex DA936D 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 #DA936D looks like.

```
.text, #text, p{  
    color:#DA936D  
}
```

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 #DA936D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA936D
}
```

Border

The CSS property to change the border of an element to Hex DA936D 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
#DA936D }
```

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

```
.border{ border-color:#DA936D }
```

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

Here you see how a box with a 4 pixel #DA936D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA936D; -webkit-box-shadow:4px 4px  
4px 4px #DA936D; box-shadow:4px 4px 4px  
4px #DA936D }
```

Background

The CSS property to change the background color of an element to Hex DA936D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA936D }
```

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

```
.background{ background-color:#DA936D }
```

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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