

Converting Colors

Hex(D38A46)

Have a look what the booklet for
Hex(D38A46) contains.

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Color

Hex(D38A46)

Conversions

Conversions Part 1

Format	Color
Hex	D38A46
RGB	211, 138, 70
RGB Percent	83%, 54%, 27%
CMY	0.1725, 0.4588, 0.7255
CMYK	0.00, 0.35, 0.67, 0.17
HSL	29°, 62%, 55%
HSV	29°, 67%, 83%
XYZ	37.0579, 32.4680, 10.1081
YIQ	152.0750, 65.3360, -5.6720

Conversions

Conversions Part 2

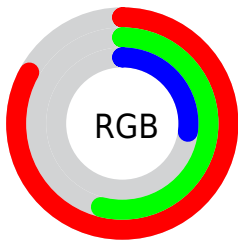
Format	Color
R_{YB}	211, 201, 70
Decimal	13863494
CIE _{Lab}	63.73, 21.62, 46.90
CIE _{LCh}	64, 51.645, 65.254
Yxy	32.4680, 0.4654, 0.4077
Android (android.graphics.Color)	4292053574 (0xFFD38A46)
YUV	152.0750, -40.4630, 51.6772
Hunter-Lab	56.9807, 16.3728, 29.3687

Details

The Hex color **D38A46** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **468FD3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFC079**, and **985813** is the 20% darker color. If you saturate the color by 10%, you get **D37F31**, and if you desaturate by 10%, it is **D3955B**.

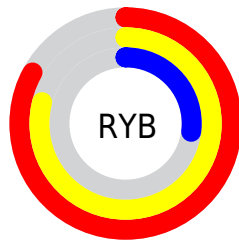
Distribution



Red (83%)

Green (54%)

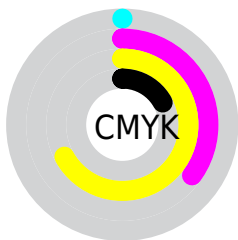
Blue (27%)



Red (83%)

Yellow (79%)

Blue (27%)

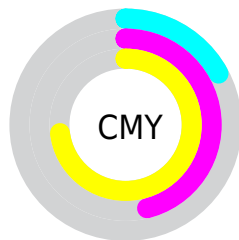


Cyan (0%)

Magenta (35%)

Yellow (67%)

Black (17%)



Cyan (17%)

Magenta (46%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38A46 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 D38A46 by changing the saturation by 10% instead.

 D38A46

 D38A46

FFFFFF

 B5702D

 FFC079

 985813

 FFDC93

 7B4000

 FFF8AE

 5F2900

 FFFFCA

 431400

 FFFFEE

 2A0000

 000000

 D38A46

 D38A46

 D37F31

 D3955B

 D3741C

 D3A070

 D36907

 D3AB85

 D36600

 D3B69A

 D3C1B0

 D3CCC5

 D3D6DA

 D3E1EF

 D3ECFF

Harmonies

Analogous

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



EB7A68



D38A46



AD9B3A

Triad

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



D38A46



00B1A1



A88BE6

Complementary

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



D38A46



468FD3

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.



539DF6



D38A46



00BOCE

Square

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



D38A46



38AE72



00A9ED



D979C2

Rectangle

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



D38A46



8EA343



00A9ED



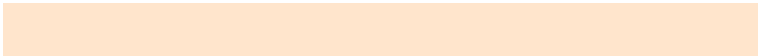
9191EE

Sweetspot

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



D38A46



FFE5CC



D34691



807061



000000



808080

Same Dimension

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



D38A46



FF9533



D3CE46



69635E



A85100



291400

Inverse Universe

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



468FD3



339DFF



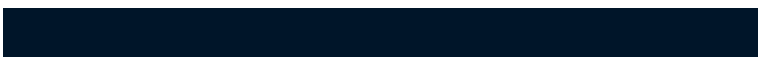
464BD3



5E6469



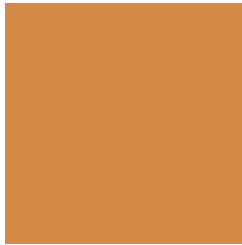
0057A8



001529

Previews

White Background



This preview shows how the Hex color D38A46 looks on a white background.

Color Contrast Check

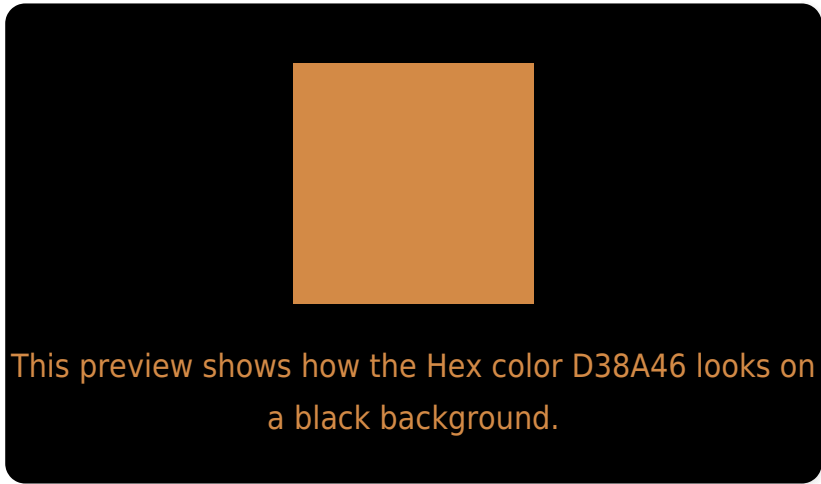
Large Text (above 18pt) WCAG AA × Fail

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

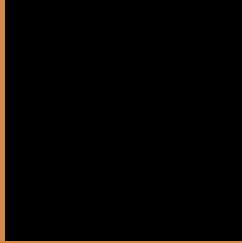
Any Text WCAG AA ✓ Pass

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 D38A46 Background



This preview shows how black text looks on a background with the Hex color D38A46.




This preview shows how white text looks on a background with the Hex color D38A46.

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](#).

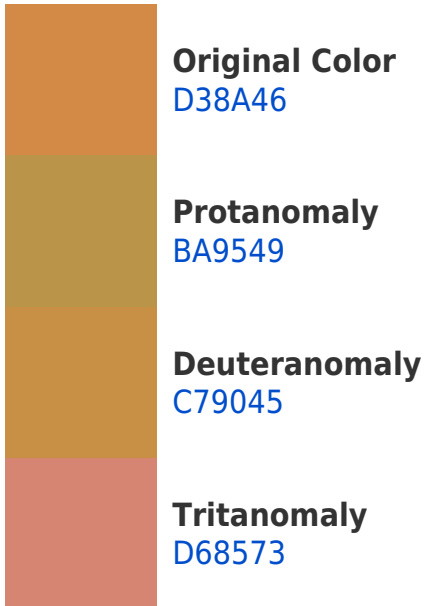
Dichromacy



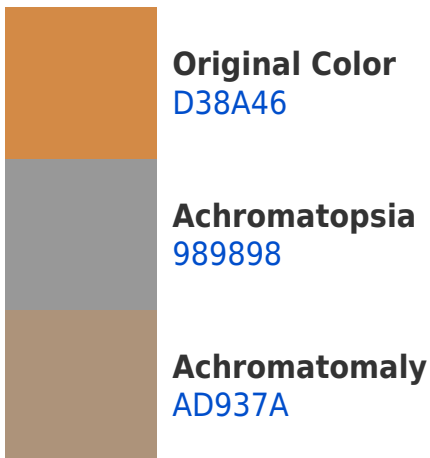


Tritanopia
D8828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38A46 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 #D38A46 looks like.

```
.text, #text, p{  
    color:#D38A46  
}
```

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 #D38A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38A46
}
```

Border

The CSS property to change the border of an element to Hex D38A46 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
#D38A46 }
```

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

```
.border{ border-color:#D38A46 }
```

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

Here you see how a box with a 4 pixel #D38A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38A46; -webkit-box-shadow:4px 4px  
4px 4px #D38A46; box-shadow:4px 4px 4px  
4px #D38A46 }
```

Background

The CSS property to change the background color of an element to Hex D38A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38A46 }
```

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

```
.background{ background-color:#D38A46 }
```

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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