

Converting Colors

Hex(DC8A46)

Have a look what the booklet for
Hex(DC8A46) contains.

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Color

Hex(DC8A46)

Conversions

Conversions Part 1

Format	Color
Hex	DC8A46
RGB	220, 138, 70
RGB Percent	86%, 54%, 27%
CMY	0.1373, 0.4588, 0.7255
CMYK	0.00, 0.37, 0.68, 0.14
HSL	27°, 68%, 57%
HSV	27°, 68%, 86%
XYZ	39.7092, 33.8348, 10.2322
YIQ	154.7660, 70.7000, -3.7640

Conversions

Conversions Part 2

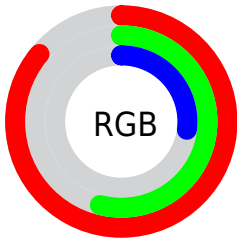
Format	Color
R_{YB}	220, 194, 70
Decimal	14453318
CIE _{Lab}	64.83, 25.37, 48.44
CIE _{LCh}	65, 54.679, 62.352
Yxy	33.8348, 0.4740, 0.4039
Android (android.graphics.Color)	4292643398 (0xFFDC8A46)
YUV	154.7660, -41.7896, 57.2102
Hunter-Lab	58.1677, 20.0626, 30.2877

Details

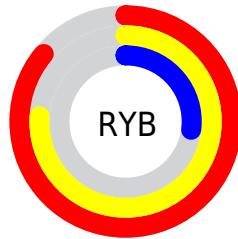
The Hex color **DC8A46** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4698DC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC079**, and **A05713** is the 20% darker color. If you saturate the color by 10%, you get **DC7E30**, and if you desaturate by 10%, it is **DC965C**.

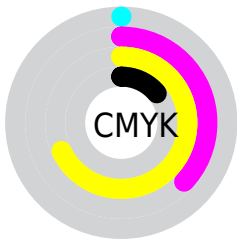
Distribution



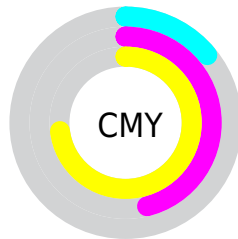
- Red (86%)
- Green (54%)
- Blue (27%)



- Red (86%)
- Yellow (76%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8A46 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 DC8A46 by changing the saturation by 10% instead.

 DC8A46

 DC8A46

FFFFFF

 BE702D

 FFC079

 A05713

 FFDC93

 834000

 FFF8AF


 662800

 FFFFCA

 4A1200

 FFFF E7

 300000

 080000

 000000

 DC8A46

 DC8A46

 DC7E30

 DC965C

 DC721A

 DCA272

 DC6604

 DCAE88

 DC6400

 DCBA9E

 DCC6B4

 DCD2CA

 DCDEE0

 DCEAF6

 DCF6FF

Harmonies

Analogous

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



F4796C



DC8A46



B59C35

Triad

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



DC8A46



00B5A0



A48FF0

Complementary

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



DC8A46



4698DC

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.



3DA1FF



DC8A46



00B4D0

Square

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



DC8A46



3CB26E



00AEF3



DC7BCC

Rectangle

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



DC8A46



95A63D



00AEF3



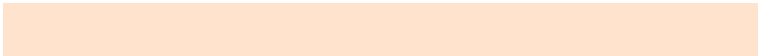
8A95F8

Sweetspot

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



DC8A46



FFE3CC



DC4699



806F61



000000



808080

Same Dimension

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



DC8A46



FF8D2E



DCD446



6E6863



AD4F00



2E1500

Inverse Universe

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



4698DC



2EA0FF



464DDC



63696E



005FAD



00192E

Previews

White Background



This preview shows how the Hex color DC8A46 looks on a white background.

Color Contrast Check

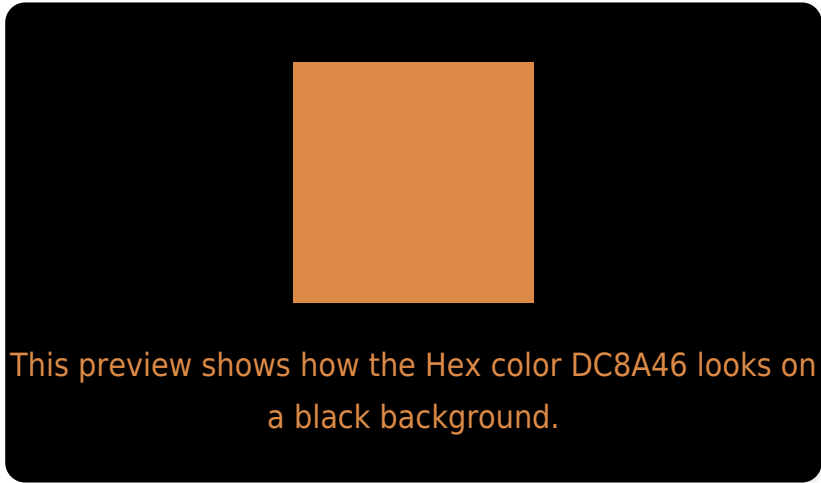
Large Text (above 18pt) WCAG AA × Fail

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

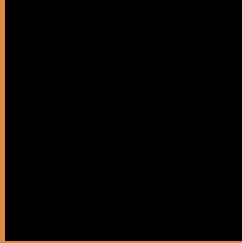
Any Text WCAG AA ✓ Pass

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 DC8A46 Background



This preview shows how black text looks on a background with the Hex color DC8A46.

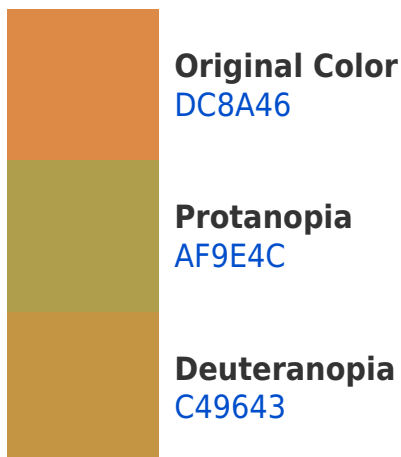



This preview shows how white text looks on a background with the Hex color DC8A46.

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](#).

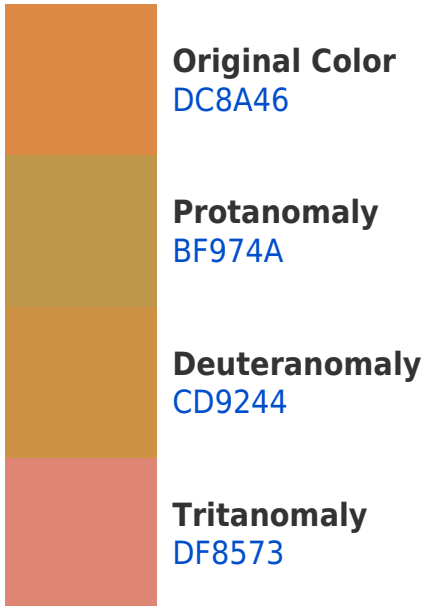
Dichromacy



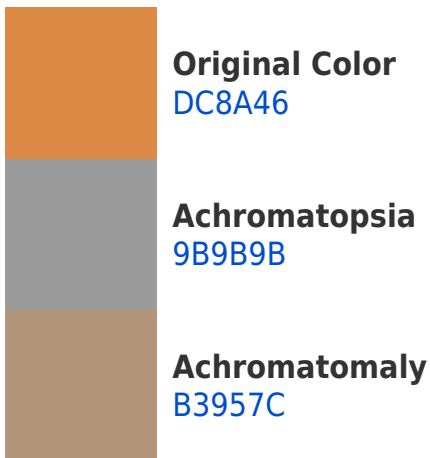


Tritanopia
E0828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8A46 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 #DC8A46 looks like.

```
.text, #text, p{  
    color:#DC8A46  
}
```

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 #DC8A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8A46
}
```

Border

The CSS property to change the border of an element to Hex DC8A46 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
#DC8A46 }
```

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

```
.border{ border-color:#DC8A46 }
```

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

Here you see how a box with a 4 pixel #DC8A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8A46; -webkit-box-shadow:4px 4px  
4px 4px #DC8A46; box-shadow:4px 4px 4px  
4px #DC8A46 }
```

Background

The CSS property to change the background color of an element to Hex DC8A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8A46 }
```

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

```
.background{ background-color:#DC8A46 }
```

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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