

Converting Colors

Hex(DC8A5C)

Have a look what the booklet for
Hex(DC8A5C) contains.

Hex(DC8A5C)	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(DC8A5C)

Conversions

Conversions Part 1

Format	Color
Hex	DC8A5C
RGB	220, 138, 92
RGB Percent	86%, 54%, 36%
CMY	0.1373, 0.4588, 0.6392
CMYK	0.00, 0.37, 0.58, 0.14
HSL	22°, 65%, 61%
HSV	22°, 58%, 86%
XYZ	40.5354, 34.1653, 14.5833
YIQ	157.2740, 63.6380, 3.0780

Conversions

Conversions Part 2

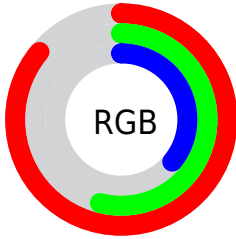
Format	Color
R _Y B	220, 164, 92
Decimal	14453340
CIE Lab	65.09, 26.82, 37.49
CIE LCh	65, 46.093, 54.422
Yxy	34.1653, 0.4540, 0.3827
Android (android.graphics.Color)	4292643420 (0xFFDC8A5C)
YUV	157.2740, -32.1801, 55.0107
Hunter-Lab	58.4511, 21.4991, 26.1231

Details

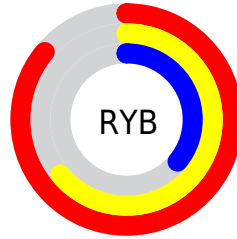
The Hex color **DC8A5C** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **5CAEDC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC08F**, and **A1572C** is the 20% darker color. If you saturate the color by 10%, you get **DC7C46**, and if you desaturate by 10%, it is **DC9872**.

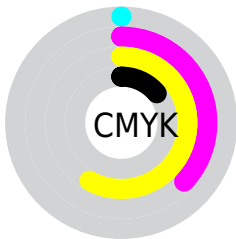
Distribution



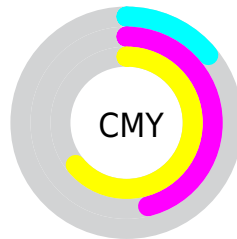
- Red (86%)
- Green (54%)
- Blue (36%)



- Red (86%)
- Yellow (64%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8A5C 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 DC8A5C by changing the saturation by 10% instead.

 DC8A5C

 DC8A5C

FFFFFF

 BE7044

 FFC08F

 A1572C

 FFDCAA

 843F15

 FFF9C5

 682800

 FFFFE2

 4C1100

FFFFFFE

 320000

 0E0000

 000000

 DC8A5C

 DC8A5C

 DC7C46

 DC9872

 DC6E30

 DCA688

 DC601A

 DCB49E

 DC5204

 DCC2B4

 DC4F00

 DCD0CA

 DCDFE0

 DCEDF6

 DCFBFF

 DCFFFF

Harmonies

Analogous

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



EB7E7E



DC8A5C



BD994A

Triad

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



DC8A5C



00B395



9596E9

Complementary

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



DC8A5C



5CAEDC

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.



41A5F0



DC8A5C



00B3BF

Square

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



DC8A5C



63AE6C



00AEE0



CA86CE

Rectangle

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



DC8A5C



A3A24B



00AEE0



7E9BEE

Sweetspot

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



DC8A5C



FFE3D4



DC5CAF



806F66



000000



808080

Same Dimension

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



DC8A5C



FF8D4D



DCC95C



6E6763



AD3E00



2E1000

Inverse Universe

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



5CAEDC



4DBFFF



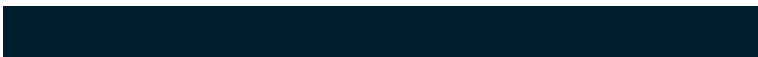
5C6FDC



636A6E



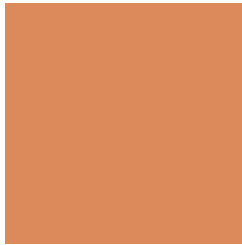
006FAD



001D2E

Previews

White Background



This preview shows how the Hex color DC8A5C looks on a white background.

Color Contrast Check

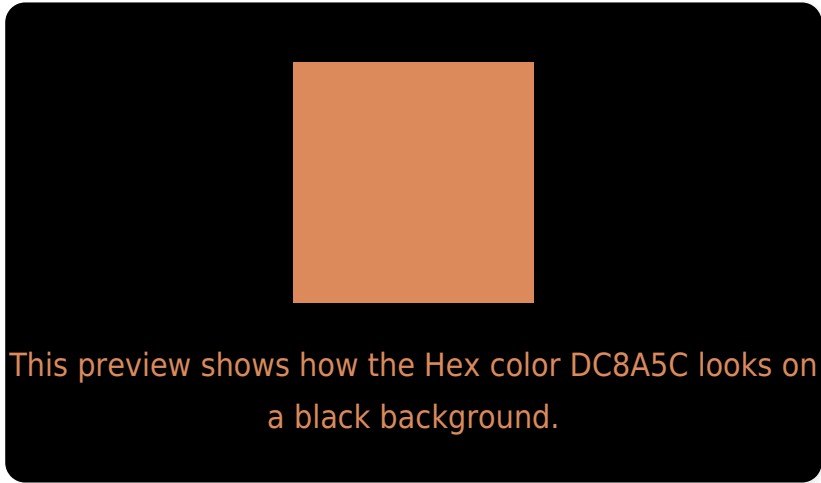
Large Text (above 18pt) WCAG AA × Fail

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

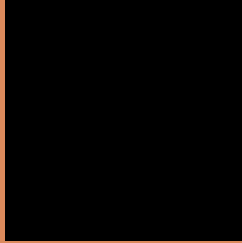
Any Text WCAG AA ✓ Pass

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 DC8A5C Background



This preview shows how black text looks on a background with the Hex color DC8A5C.

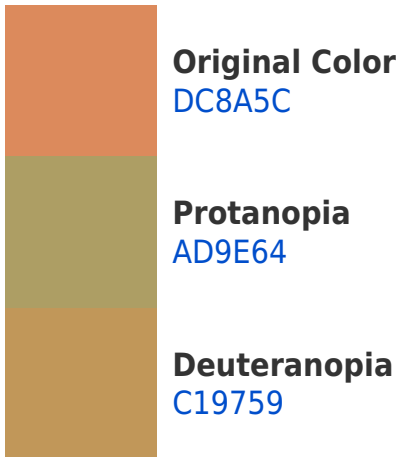


This preview shows how white text looks on a background with the Hex color DC8A5C.

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](#).

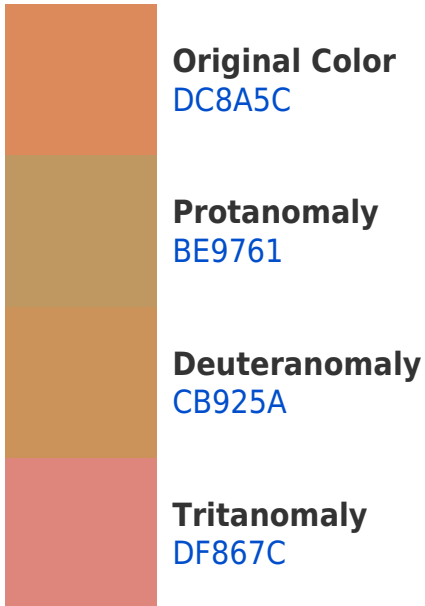
Dichromacy



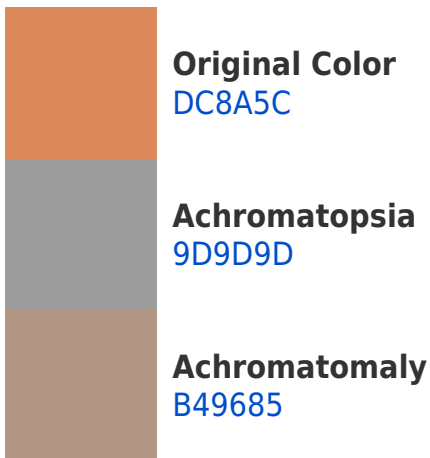


Tritanopia
E0848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8A5C 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 #DC8A5C looks like.

```
.text, #text, p{  
    color:#DC8A5C  
}
```

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 #DC8A5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8A5C
}
```

Border

The CSS property to change the border of an element to Hex DC8A5C 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
#DC8A5C }
```

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

```
.border{ border-color:#DC8A5C }
```

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

Here you see how a box with a 4 pixel #DC8A5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8A5C; -webkit-box-shadow:4px 4px  
4px 4px #DC8A5C; box-shadow:4px 4px 4px  
4px #DC8A5C }
```

Background

The CSS property to change the background color of an element to Hex DC8A5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8A5C }
```

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

```
.background{ background-color:#DC8A5C }
```

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