

# Converting Colors

Hex(DA833C)

Have a look what the booklet for  
Hex(DA833C) contains.

<b>Hex(DA833C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DA833C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA833C
RGB	218, 131, 60
RGB Percent	85%, 51%, 24%
CMY	0.1451, 0.4863, 0.7647
CMYK	0.00, 0.40, 0.72, 0.15
HSL	27°, 68%, 55%
HSV	27°, 72%, 85%
XYZ	37.8454, 31.4643, 8.3535
YIQ	148.9190, 74.6430, -3.6370

# Conversions

## Conversions Part 2

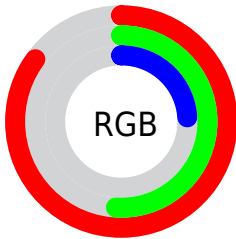
Format	Color
R <sub>Y</sub> B	218, 189, 60
Decimal	14320444
CIE Lab	62.90, 27.77, 51.05
CIE LCh	63, 58.110, 61.457
Yxy	31.4643, 0.4873, 0.4051
Android (android.graphics.Color)	4292510524 (0xFFDA833C)
YUV	148.9190, -43.8371, 60.5840
Hunter-Lab	56.0930, 22.2692, 30.4355

# Details

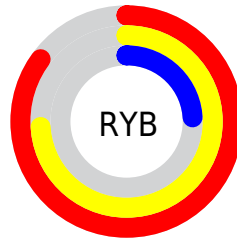
The Hex color **DA833C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **3C93DA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFB96F**, and **9E5104** is the 20% darker color. If you saturate the color by 10%, you get **DA7726**, and if you desaturate by 10%, it is **DA8F52**.

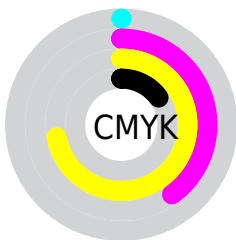
# Distribution



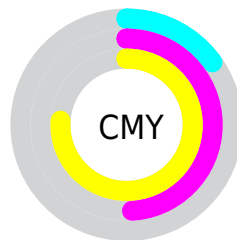
- Red (85%)
- Green (51%)
- Blue (24%)



- Red (85%)
- Yellow (74%)
- Blue (24%)



- Cyan (0%)
- Magenta (40%)
- Yellow (72%)
- Black (15%)



- Cyan (15%)
- Magenta (49%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA833C 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 DA833C by changing the saturation by 10% instead.



 DA833C

 DA833C

FFFFFF

 BC6923

 FFB96F

 9E5104

 FFD489

 803900

 FFF1A4

 632200

 FFFFC0

 470A00

 FFFFDC

 2E0000

 FFFFF9

 000000

 DA833C

 DA833C

 DA7726

 DA8F52

 DA6B10

 DA9B68

 DA6200

 DAA77D

 DAB393

 DABFA9

 DACBBF

 DAD7D5

 DAE3EA

 DAEFFF

# Harmonies

## Analogous

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



F37065



DA833C



B19627

# Triad

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



DA833C



00B199



9C89F1

# Complementary

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



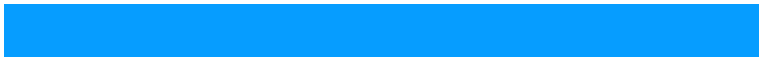
DA833C



3C93DA

# 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.



069DFF



DA833C



00B0CD

# Square

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



DA833C



2CAD64



00AAF2



D974CA

# Rectangle

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



DA833C



90A12F



00AAF2



7F91F9

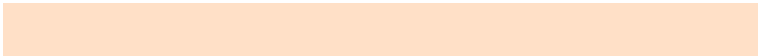


# Sweetspot

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



DA833C



FFE0C7



DA3C96



806D5E



000000



808080



# Same Dimension

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



DA833C



FF8521



DACF3C



6E6863



AD4E00



2E1500



# Inverse Universe

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



3C93DA



219BFF



3C47DA



63696E



005FAD

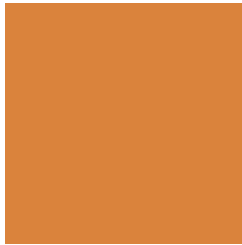


00192E



# Previews

## White Background



This preview shows how the Hex color DA833C looks on a white background.

## Color Contrast Check

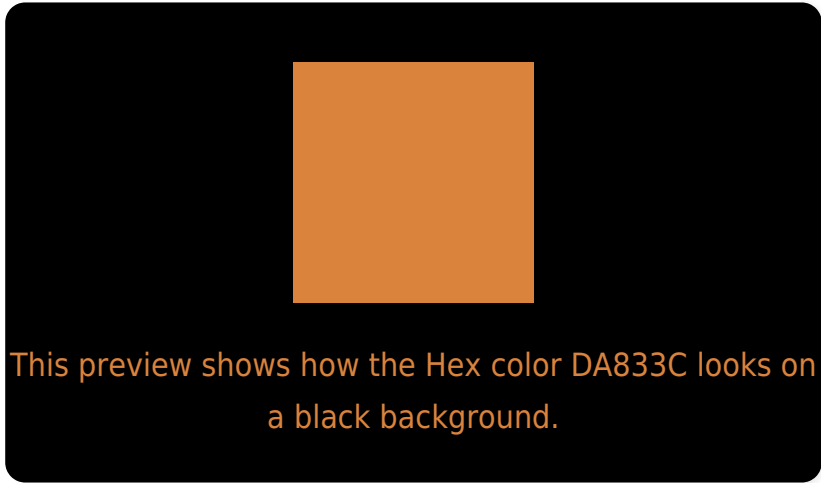
Large Text (above 18pt) WCAG AA × Fail

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 DA833C Background



This preview shows how black text looks on a background with the Hex color DA833C.



This preview shows how white text looks on a background with the Hex color DA833C.

# 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**  
DA833C

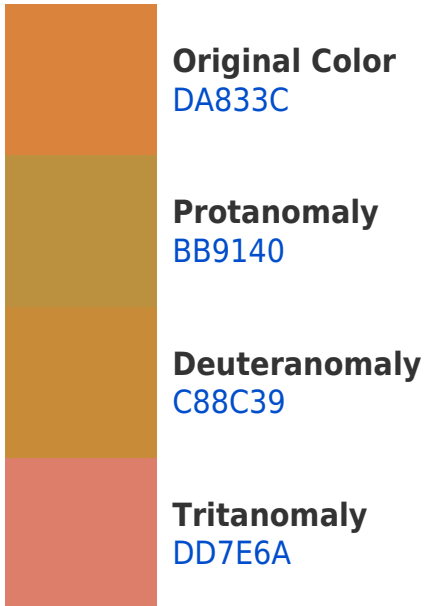
**Protanopia**  
AA9942

**Deuteranopia**  
BE9138

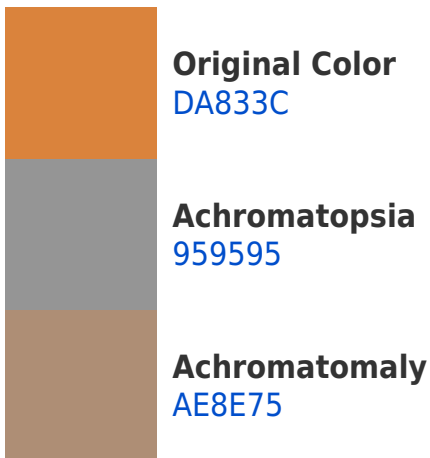


**Tritanopia**  
DE7B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA833C 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 #DA833C looks like.

```
.text, #text, p{  
    color:#DA833C  
}
```

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 #DA833C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA833C
}
```

## Border

The CSS property to change the border of an element to Hex DA833C 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
#DA833C }
```

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

```
.border{ border-color:#DA833C }
```

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

Here you see how a box with a 4 pixel #DA833C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA833C; -webkit-box-shadow:4px 4px  
4px 4px #DA833C; box-shadow:4px 4px 4px  
4px #DA833C }
```

# Background

The CSS property to change the background color of an element to Hex DA833C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA833C }
```

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

```
.background{ background-color:#DA833C }
```

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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