

# Converting Colors

Hex(DA684C)

Have a look what the booklet for  
Hex(DA684C) contains.

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**Color**

**Hex(DA684C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA684C
RGB	218, 104, 76
RGB Percent	85%, 41%, 30%
CMY	0.1451, 0.5922, 0.7020
CMYK	0.00, 0.52, 0.65, 0.15
HSL	12°, 66%, 58%
HSV	12°, 65%, 85%
XYZ	35.1683, 25.3279, 9.8727
YIQ	134.8940, 76.9320, 15.4600

# Conversions

## Conversions Part 2

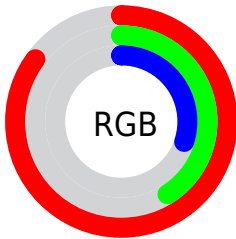
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 111, 76
Decimal	14313548
CIE <sub>Lab</sub>	57.39, 42.60, 36.69
CIE <sub>LCh</sub>	57, 56.225, 40.734
Yxy	25.3279, 0.4998, 0.3599
Android (android.graphics.Color)	4292503628 (0xFFDA684C)
YUV	134.8940, -29.0347, 72.8840
Hunter-Lab	50.3268, 36.6636, 23.5978

# Details

The Hex color **DA684C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4CBEDA**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9E7E**, and **9D341E** is the 20% darker color. If you saturate the color by 10%, you get **DA5636**, and if you desaturate by 10%, it is **DA7A62**.

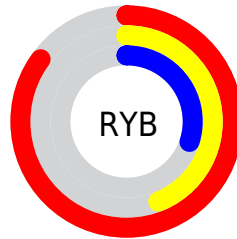
# Distribution



Red (85%)

Green (41%)

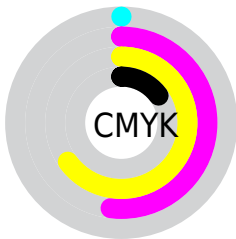
Blue (30%)



Red (85%)

Yellow (44%)

Blue (30%)

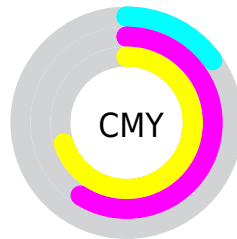


Cyan (0%)

Magenta (52%)

Yellow (65%)

Black (15%)



Cyan (15%)

Magenta (59%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA684C 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 DA684C by changing the saturation by 10% instead.



 DA684C

 DA684C

FFFFFF

 BB4E35

 FF9E7E

 9D341E

 FFB998

 801807

 FFD6B3

 620000

 FFF2CE

 450000

 FFFFEB

 2C0001

 000000

 DA684C

 DA684C

 DA5636

 DA7A62

 DA4520

 DA8B78

 DA330B

 DA9D8D

 DA2B00

 DAAEA3

 DAC0B9

 DAD1CF

 DAE3E5

 DAF4FA

 DAFFFF

# Harmonies

## Analogous

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



E35C7A



DA684C



BD7C28

# Triad

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



DA684C



009F68



4789EB

# Complementary

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



DA684C



4CBEDA

# 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.



0098E6



DA684C



00A19B

# Square

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



DA684C



5D993A



009FC9



A375D5

# Rectangle

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



DA684C



A2881C



009FC9



008FEC



# Sweetspot

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



DA684C



FFD6CC



DA4CC0



806761



000000



808080



# Same Dimension

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



DA684C



FF5F38



DAAD4C



6E6563



AD2200



2E0900



# Inverse Universe

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



4CBEDA



38D8FF



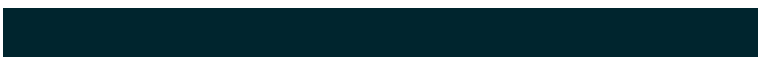
4C79DA



636B6E



008BAD

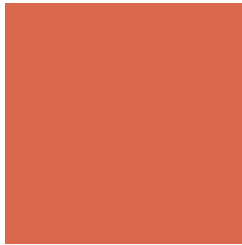


00252E



# Previews

## White Background



This preview shows how the Hex color DA684C looks on a white background.

## Color Contrast Check

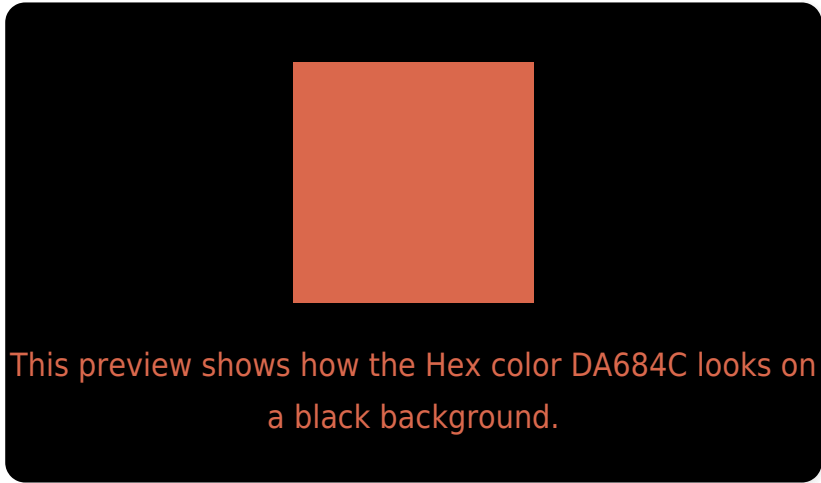
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex DA684C Background



This preview shows how black text looks on a background with the Hex color DA684C.



This preview shows how white text looks on a background with the Hex color DA684C.

# 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**  
DA684C

**Protanopia**  
978A59

**Deuteranopia**  
AA8446



**Tritanopia**  
DC646B

# Trichromacy



**Original Color**  
DA684C

**Protanomaly**  
AF7E54

**Deuteranomaly**  
BB7A48

**Tritanomaly**  
DB6560

# Monochromacy



**Original Color**  
DA684C

**Achromatopsia**  
878787

**Achromatomaly**  
A57C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA684C 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 #DA684C looks like.

```
.text, #text, p{  
    color:#DA684C  
}
```

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 #DA684C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA684C
}
```

## Border

The CSS property to change the border of an element to Hex DA684C 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
#DA684C }
```

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

```
.border{ border-color:#DA684C }
```

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

Here you see how a box with a 4 pixel #DA684C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA684C; -webkit-box-shadow:4px 4px  
4px 4px #DA684C; box-shadow:4px 4px 4px  
4px #DA684C }
```

# Background

The CSS property to change the background color of an element to Hex DA684C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA684C }
```

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

```
.background{ background-color:#DA684C }
```

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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