

# Converting Colors

Hex(DB883E)

Have a look what the booklet for  
Hex(DB883E) contains.

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# **Color**

**Hex(DB883E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB883E
RGB	219, 136, 62
RGB Percent	86%, 53%, 24%
CMY	0.1412, 0.4667, 0.7569
CMYK	0.00, 0.38, 0.72, 0.14
HSL	28°, 69%, 55%
HSV	28°, 72%, 86%
XYZ	38.8871, 33.0162, 8.8806
YIQ	152.3810, 73.2220, -5.4180

# Conversions

## Conversions Part 2

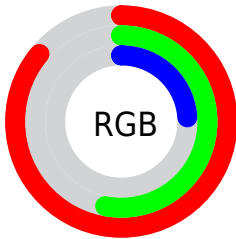
Format	Color
R <sub>Y</sub> B	219, 202, 62
Decimal	14387262
CIE Lab	64.17, 25.61, 51.50
CIE LCh	64, 57.513, 63.559
Yxy	33.0162, 0.4814, 0.4087
Android (android.graphics.Color)	4292577342 (0xFFDB883E)
YUV	152.3810, -44.5578, 58.4249
Hunter-Lab	57.4597, 20.2492, 31.0583

# Details

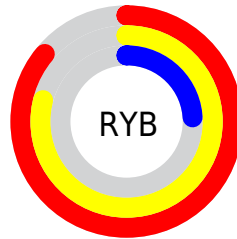
The Hex color **DB883E** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **3E91DB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFBE71**, and **9F5606** is the 20% darker color. If you saturate the color by 10%, you get **DB7C28**, and if you desaturate by 10%, it is **DB9454**.

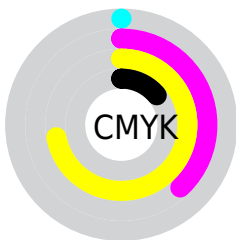
# Distribution



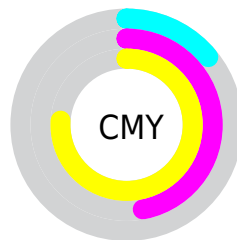
- Red (86%)
- Green (53%)
- Blue (24%)



- Red (86%)
- Yellow (79%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB883E 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 DB883E by changing the saturation by 10% instead.



 DB883E

 DB883E

FFFFFF

 BD6E25

 FFBE71

 9F5606

 FFDA8B

 823E00

 FFF6A7

 652700

 FFFF C2

 491000

 FFFF DF

 2F0000

 FFFF FC

 010000

 000000

 DB883E

 DB883E

 DB7C28

 DB9454

 DB7112

 DB9F6A

 DB6700

 DBAB80

 DBB696

 DBC2AC

 DBCDC1

 DBD9D7

 DBE5ED

 DBF0FF

# Harmonies

## Analogous

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



F57566



DB883E



B19B2C

# Triad

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



DB883E



00B4A0



A68BF1

# Complementary

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



DB883E



3E91DB

# 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.



339FFF



DB883E



00B3D3

# Square

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



DB883E



29B16C



00ADF7



DF77CA

# Rectangle

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



DB883E



90A536



00ADF7



8A93FA

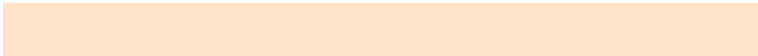


# Sweetspot

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



DB883E



FFE1C7



DB3E92



806E5E



000000



808080



# Same Dimension

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



DB883E



FF8B24



DBD63E



6E6863



AD5200



2E1600



# Inverse Universe

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



3E91DB



2498FF



3E43DB



63686E



005CAD



00182E



# Previews

## White Background



This preview shows how the Hex color DB883E looks on a white background.

## Color Contrast Check

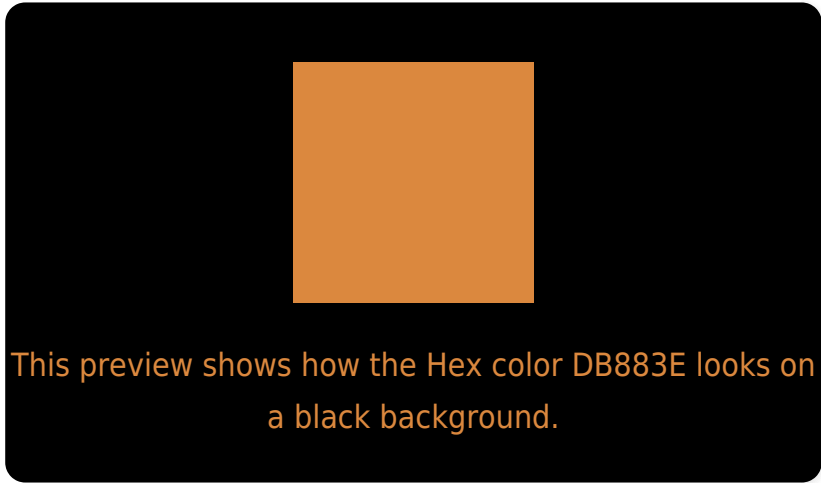
Large Text (above 18pt) WCAG AA × Fail

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 DB883E Background



This preview shows how black text looks on a background with the Hex color DB883E.



This preview shows how white text looks on a background with the Hex color DB883E.

# 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**  
DF8089

# Trichromacy



**Original Color**  
DB883E

**Protanomaly**  
BE9542

**Deuteranomaly**  
CB903C

**Tritanomaly**  
DE836E

# Monochromacy



**Original Color**  
DB883E

**Achromatopsia**  
989898

**Achromatomaly**  
B09277

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB883E 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 #DB883E looks like.

```
.text, #text, p{  
    color:#DB883E  
}
```

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 #DB883E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB883E
}
```

## Border

The CSS property to change the border of an element to Hex DB883E 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
#DB883E }
```

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

```
.border{ border-color:#DB883E }
```

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

Here you see how a box with a 4 pixel #DB883E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB883E; -webkit-box-shadow:4px 4px  
4px 4px #DB883E; box-shadow:4px 4px 4px  
4px #DB883E }
```

# Background

The CSS property to change the background color of an element to Hex DB883E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB883E }
```

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

```
.background{ background-color:#DB883E }
```

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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