

# Converting Colors

Hex(D0883E)

Have a look what the booklet for  
Hex(D0883E) contains.

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**Color**

**Hex(D0883E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0883E
RGB	208, 136, 62
RGB Percent	82%, 53%, 24%
CMY	0.1843, 0.4667, 0.7569
CMYK	0.00, 0.35, 0.70, 0.18
HSL	30°, 61%, 53%
HSV	30°, 70%, 82%
XYZ	35.6861, 31.3660, 8.7308
YIQ	149.0920, 66.6660, -7.7500

# Conversions

## Conversions Part 2

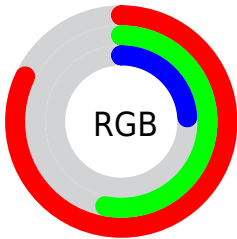
Format	Color
<a href="#">RYB</a>	<a href="#">204, 208, 62</a>
Decimal	<a href="#">13666366</a>
CIELab	<a href="#">62.82, 20.99, 49.64</a>
CIELCh	<a href="#">63, 53.899, 67.084</a>
Yxy	<a href="#">31.3660, 0.4709, 0.4139</a>
Android (android.graphics.Color)	<a href="#">4291856446</a> ( <a href="#">0xFFD0883E</a> )
YUV	<a href="#">149.0920, -42.9364, 51.6623</a>
Hunter-Lab	<a href="#">56.0054, 15.7291, 29.9609</a>

# Details

The Hex color **D0883E** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3E86D0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFBD71**, and **955607** is the 20% darker color. If you saturate the color by 10%, you get **D07E29**, and if you desaturate by 10%, it is **D09253**.

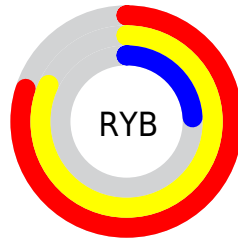
# Distribution



Red (82%)

Green (53%)

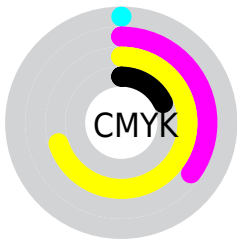
Blue (24%)



Red (80%)

Yellow (82%)

Blue (24%)

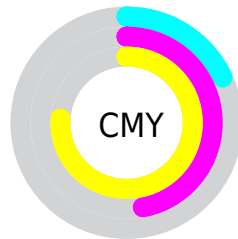


Cyan (0%)

Magenta (35%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (47%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0883E 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 D0883E by changing the saturation by 10% instead.



 D0883E

 D0883E

FFFFFF

 B26F25

 FFBD71

 955607

 FFD98B

 783E00

 FFF6A6

 5C2800

 FFFFC2

 401200

 FFFFDE

 280000

 FFFFFB

 000000

 D0883E

 D0883E

 D07E29

 D09253

 D07314

 D09D68

 D06900

 D0A77C

 D0B191

 D0BBA6

 D0C6BB

 D0D0D0

 D0DAE4

 D0E4F9

# Harmonies

## Analogous

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



EA7661



D0883E



A89932

# Triad

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



D0883E



00B0A2



AA87E5

# Complementary

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



D0883E



3E86D0

# 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.



5099F7



D0883E



00AED0

# Square

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



D0883E



22AD71



00A7F0



DB74BE

# Rectangle

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



D0883E



87A23D



00A7F0



928DED



# Sweetspot

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



D0883E



FFE5C9



D03E87



807060



000000



808080



# Same Dimension

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



D0883E



FF9529



D0D03E



69635E



A85500



291500



# Inverse Universe

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



3E86D0



2992FF



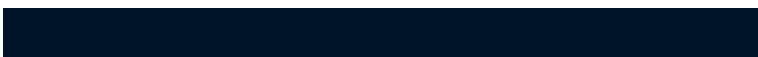
3E3ED0



5E6369



0053A8



001429



# Previews

## White Background



This preview shows how the Hex color D0883E looks on a white background.

## Color Contrast Check

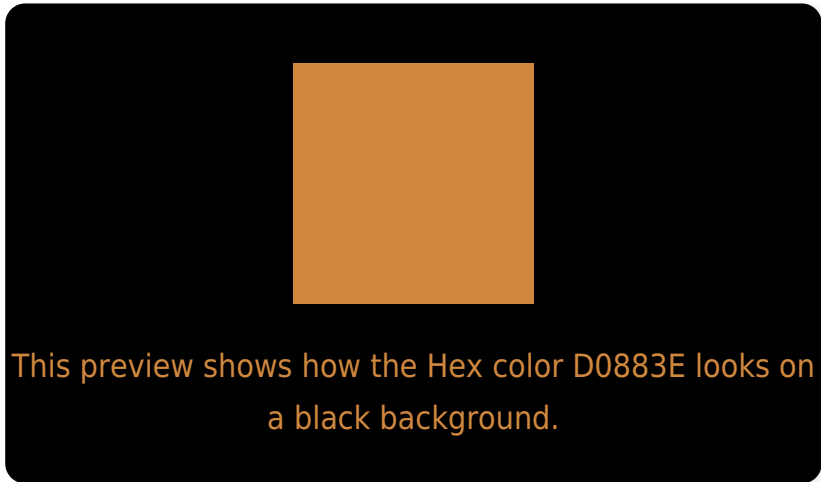
Large Text (above 18pt) WCAG AA × Fail

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

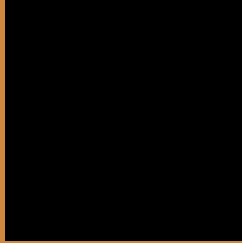
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0883E Background



This preview shows how black text looks on a background with the Hex color D0883E.



This preview shows how white text looks on a background with the Hex color D0883E.

# 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](#).

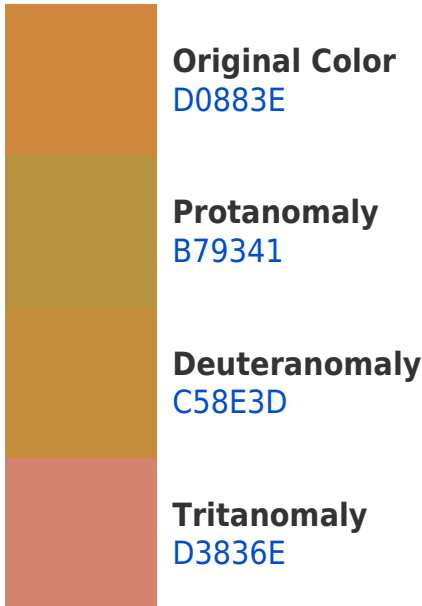
## Dichromacy



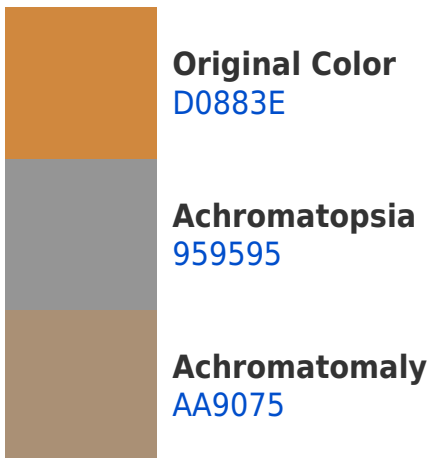


**Tritanopia**  
D58089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0883E 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 #D0883E looks like.

```
.text, #text, p{  
    color:#D0883E  
}
```

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 #D0883E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0883E
}
```

## Border

The CSS property to change the border of an element to Hex D0883E 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
#D0883E }
```

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

```
.border{ border-color:#D0883E }
```

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

Here you see how a box with a 4 pixel #D0883E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0883E; -webkit-box-shadow:4px 4px  
4px 4px #D0883E; box-shadow:4px 4px 4px  
4px #D0883E }
```

# Background

The CSS property to change the background color of an element to Hex D0883E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0883E }
```

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

```
.background{ background-color:#D0883E }
```

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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