

# Converting Colors

Hex(DE7D43)

Have a look what the booklet for  
Hex(DE7D43) contains.

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# **Color**

**Hex(DE7D43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE7D43
RGB	222, 125, 67
RGB Percent	87%, 49%, 26%
CMY	0.1294, 0.5098, 0.7373
CMYK	0.00, 0.44, 0.70, 0.13
HSL	22°, 70%, 57%
HSV	22°, 70%, 87%
XYZ	38.4709, 30.6021, 9.1893
YIQ	147.3910, 76.4300, 2.5260

# Conversions

## Conversions Part 2

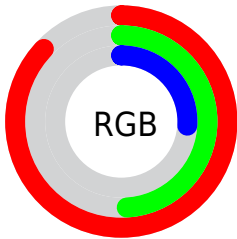
Format	Color
R <sub>Y</sub> B	222, 160, 67
Decimal	14581059
CIE Lab	62.17, 32.92, 47.05
CIE LCh	62, 57.420, 55.022
Yxy	30.6021, 0.4916, 0.3910
Android (android.graphics.Color)	4292771139 (0xFFDE7D43)
YUV	147.3910, -39.6328, 65.4321
Hunter-Lab	55.3191, 27.3269, 28.8744

# Details

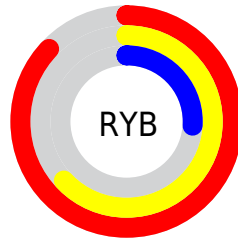
The Hex color **DE7D43** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **43A4DE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFB375**, and **A14A11** is the 20% darker color. If you saturate the color by 10%, you get **DE6F2D**, and if you desaturate by 10%, it is **DE8B59**.

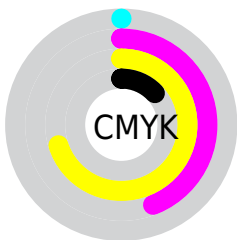
# Distribution



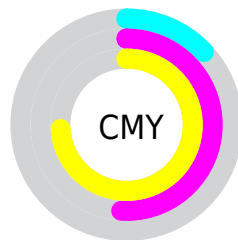
- Red (87%)
- Green (49%)
- Blue (26%)



- Red (87%)
- Yellow (63%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (13%)



- Cyan (13%)
- Magenta (51%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE7D43 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 DE7D43 by changing the saturation by 10% instead.



 DE7D43

 DE7D43

FFFFFF

 BF632B

 FFB375

 A14A11

 FFCE90

 843200

 FFEBAB

 671A00

 FFFF C6

 4A0000

 FFFF E3

 310000

 000000

 DE7D43

 DE7D43

 DE6F2D

 DE8B59

 DE6117

 DE996F

 DE5300

 DEA786

 DEB59C

 DEC2B2

 DED0C8

 DEDEDE

 DEECF5

 DEFAFF

# Harmonies

## Analogous

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



F26B6E



DE7D43



B99128

# Triad

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



DE7D43



00AE8C



898CF3

# Complementary

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



DE7D43



43A4DE

# 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.



009FFC



DE7D43



00AFC0

# Square

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



DE7D43



44AA59



00AAE9



CC77D1

# Rectangle

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



DE7D43



999C2A



00AAE9



6793F9

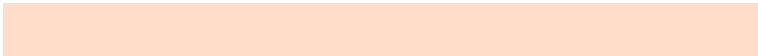


# Sweetspot

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



DE7D43



FFDDC9



DE43A5



806C60



000000



808080



# Same Dimension

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



DE7D43



FF7929



DEC943



706965



B04200



301200

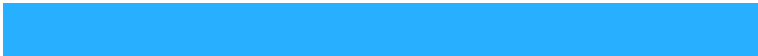


# Inverse Universe

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



43A4DE



29AFFF



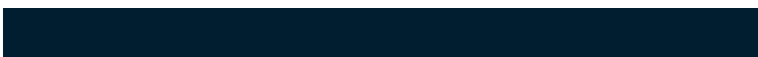
4358DE



656C70



006EB0



001E30



# Previews

## White Background



This preview shows how the Hex color DE7D43 looks on a white background.

## Color Contrast Check

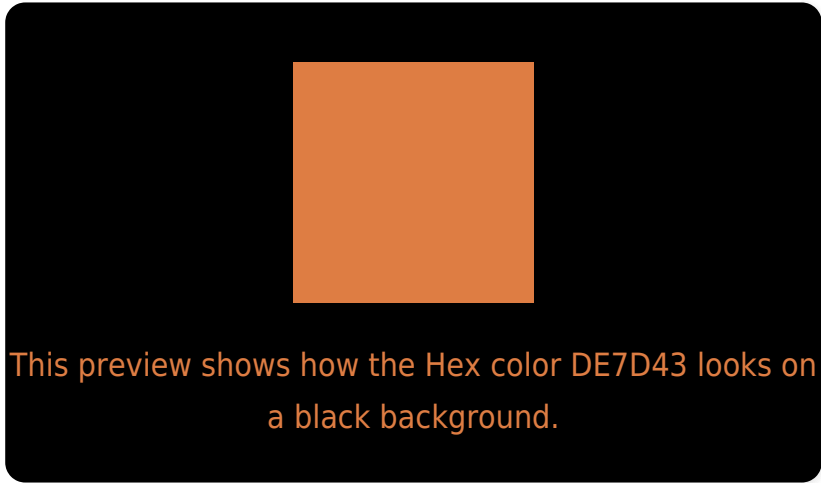
Large Text (above 18pt) WCAG AA × Fail

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

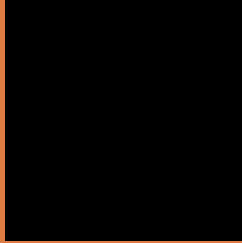
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE7D43 Background



This preview shows how black text looks on a background with the Hex color DE7D43.

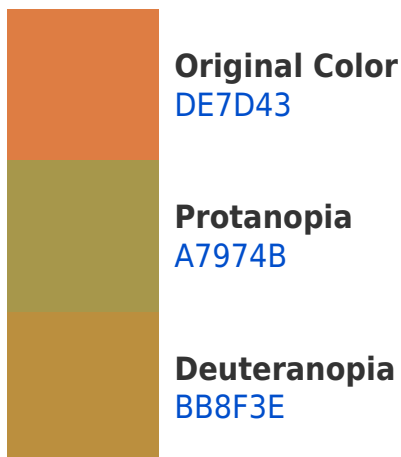



This preview shows how white text looks on a background with the Hex color DE7D43.

# 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](#).

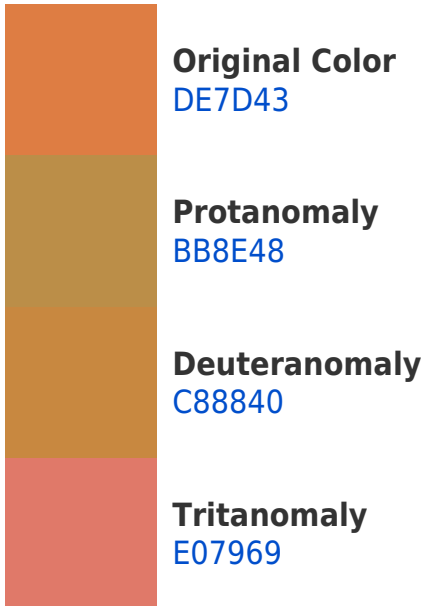
## Dichromacy





**Tritanopia**  
E1767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE7D43 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 #DE7D43 looks like.

```
.text, #text, p{  
    color:#DE7D43  
}
```

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 #DE7D43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7D43
}
```

## Border

The CSS property to change the border of an element to Hex DE7D43 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
#DE7D43 }
```

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

```
.border{ border-color:#DE7D43 }
```

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

Here you see how a box with a 4 pixel #DE7D43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7D43; -webkit-box-shadow:4px 4px  
4px 4px #DE7D43; box-shadow:4px 4px 4px  
4px #DE7D43 }
```

# Background

The CSS property to change the background color of an element to Hex DE7D43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7D43 }
```

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

```
.background{ background-color:#DE7D43 }
```

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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