

# Converting Colors

Hex(DE6E43)

Have a look what the booklet for  
Hex(DE6E43) contains.

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**Color**

**Hex(DE6E43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE6E43
RGB	222, 110, 67
RGB Percent	87%, 43%, 26%
CMY	0.1294, 0.5686, 0.7373
CMYK	0.00, 0.50, 0.70, 0.13
HSL	17°, 70%, 57%
HSV	17°, 70%, 87%
XYZ	36.7133, 27.0867, 8.6034
YIQ	138.5860, 80.5550, 10.3710

# Conversions

## Conversions Part 2

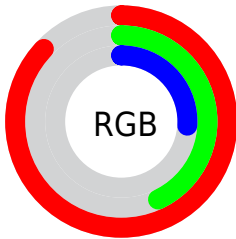
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 127, 67
Decimal	14577219
CIE <sub>Lab</sub>	59.05, 40.63, 43.58
CIE <sub>LCh</sub>	59, 59.581, 47.010
Yxy	27.0867, 0.5071, 0.3741
Android (android.graphics.Color)	4292767299 (0xFFDE6E43)
YUV	138.5860, -35.2919, 73.1541
Hunter-Lab	52.0449, 34.8380, 26.6303

# Details

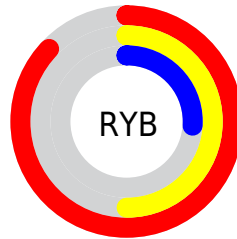
The Hex color **DE6E43** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **43B3DE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA475**, and **A13B13** is the 20% darker color. If you saturate the color by 10%, you get **DE5E2D**, and if you desaturate by 10%, it is **DE7E59**.

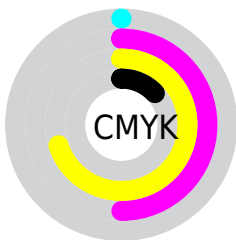
# Distribution



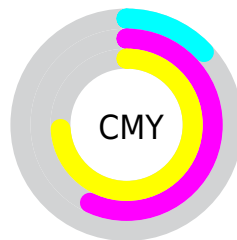
- Red (87%)
- Green (43%)
- Blue (26%)



- Red (87%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (13%)



- Cyan (13%)
- Magenta (57%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6E43 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 DE6E43 by changing the saturation by 10% instead.



 DE6E43

 DE6E43

FFFFFF

 BF542B

 FFA475

 A13B13

 FFBF8F

 832000

 FFDCAA

 650000

 FFF9C5

 480000

 FFFFE1

 2F0002

FFFFFFE

 000000

 DE6E43

 DE6E43

 DE5E2D

 DE7E59

 DE4E17

 DE8E6F

 DE3E00

 DE9E86

 DEAE9C

 DEBEB2

 DECEC8

 DEDEDE

 DEEEF5

 DEF EFF

# Harmonies

## Analogous

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



ED5D73



DE6E43



BC831E

# Triad

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



DE6E43



00A675



618AF3

# Complementary

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



DE6E43



43B3DE

# 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.



009BF4



DE6E43



00A7AB

# Square

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



DE6E43



4EA042



00A4DA



B673D6

# Rectangle

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



DE6E43



9D9016



00A4DA



2790F6



# Sweetspot

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



DE6E43



FFD8C9



DE43B5



806860



000000



808080



# Same Dimension

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



DE6E43



FF6429



DEBA43



706865



B03100



300D00



# Inverse Universe

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



43B3DE



29C4FF



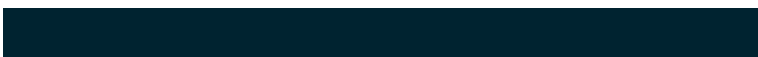
4367DE



656D70



007FB0

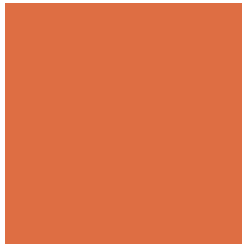


002330



# Previews

## White Background



This preview shows how the Hex color DE6E43 looks on a white background.

## Color Contrast Check

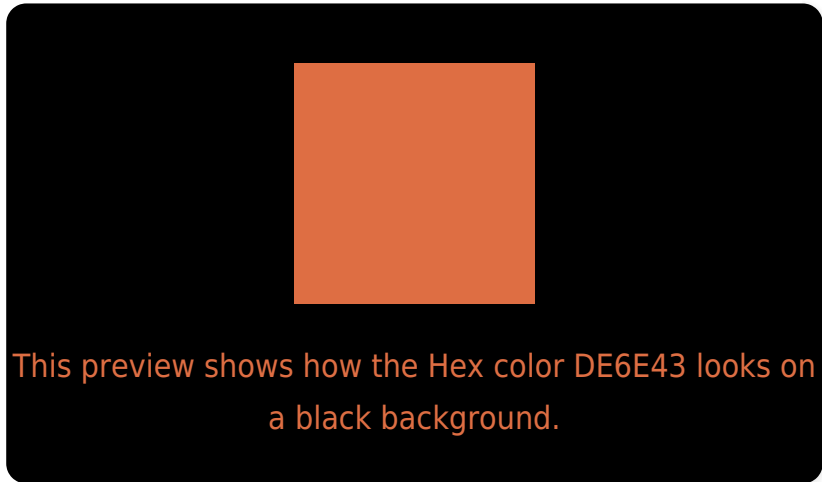
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6E43 Background



This preview shows how black text looks on a background with the Hex color DE6E43.



This preview shows how white text looks on a background with the Hex color DE6E43.

# 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**  
DE6E43

**Protanopia**  
9D8F4E

**Deuteranopia**  
B1883D



**Tritanopia**  
E06970

# Trichromacy



**Original Color**  
DE6E43

**Protanomaly**  
B5834A

**Deuteranomaly**  
C17F3F

**Tritanomaly**  
DF6B60

# Monochromacy



**Original Color**  
DE6E43

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A98071

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6E43 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 #DE6E43 looks like.

```
.text, #text, p{  
    color:#DE6E43  
}
```

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 #DE6E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6E43
}
```

## Border

The CSS property to change the border of an element to Hex DE6E43 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
#DE6E43 }
```

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

```
.border{ border-color:#DE6E43 }
```

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

Here you see how a box with a 4 pixel #DE6E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6E43; -webkit-box-shadow:4px 4px  
4px 4px #DE6E43; box-shadow:4px 4px 4px  
4px #DE6E43 }
```

# Background

The CSS property to change the background color of an element to Hex DE6E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6E43 }
```

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

```
.background{ background-color:#DE6E43 }
```

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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