

Converting Colors

Hex(DE8D48)

Have a look what the booklet for
Hex(DE8D48) contains.

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Color

Hex(DE8D48)

Conversions

Conversions Part 1

Format	Color
Hex	DE8D48
RGB	222, 141, 72
RGB Percent	87%, 55%, 28%
CMY	0.1294, 0.4471, 0.7176
CMYK	0.00, 0.36, 0.68, 0.13
HSL	28°, 69%, 58%
HSV	28°, 68%, 87%
XYZ	40.8188, 35.0472, 10.7443
YIQ	157.3530, 70.4250, -4.2870

Conversions

Conversions Part 2

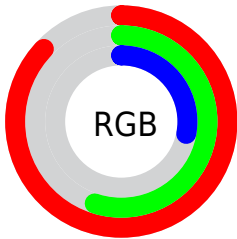
Format	Color
R _Y B	222, 200, 72
Decimal	14585160
CIE Lab	65.79, 24.71, 48.59
CIE LCh	66, 54.511, 63.044
Yxy	35.0472, 0.4713, 0.4047
Android (android.graphics.Color)	4292775240 (0xFFDE8D48)
YUV	157.3530, -42.0790, 56.6954
Hunter-Lab	59.2007, 19.4742, 30.6800

Details

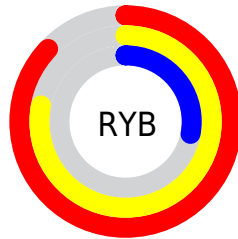
The Hex color **DE8D48** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4899DE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC37B**, and **A25A15** is the 20% darker color. If you saturate the color by 10%, you get **DE8132**, and if you desaturate by 10%, it is **DE995E**.

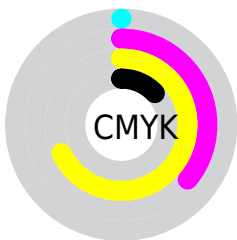
Distribution



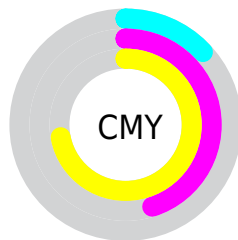
- Red (87%)
- Green (55%)
- Blue (28%)



- Red (87%)
- Yellow (78%)
- Blue (28%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE8D48 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 DE8D48 by changing the saturation by 10% instead.

 DE8D48

 DE8D48

FFFFFF

 C0732F

 FFC37B

 A25A15

 FFDF96

 854200

 FFFCB1

 692B00

 FFFFCD

 4C1500

 FFFF E9

 310000

 100000

 000000

 DE8D48

 DE8D48

 DE8132

 DE995E

 DE751C

 DEA574

 DE6905

 DEB18B

 DE6600

 DEBDA1

 DEC9B7

 DED5CD

 DEE1E3

 DEEDFA

 DEF9FF

Harmonies

Analogous

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



F67C6D



DE8D48



B69F38

Triad

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



DE8D48



00B8A3



A991F2

Complementary

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



DE8D48



4899DE

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.



46A4FF



DE8D48



00B7D4

Square

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



DE8D48



3DB571



00B0F6



E07ECD

Rectangle

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



DE8D48



96A840



00B0F6



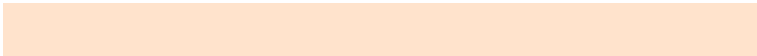
8F98FA

Sweetspot

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



DE8D48



FFE3CC



DE489B



806F61



000000



808080

Same Dimension

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



DE8D48



FF8F30



DED748



706A65



B05100



301600

Inverse Universe

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



4899DE



30A0FF



484FDE



656B70



005FB0



001A30

Previews

White Background



This preview shows how the Hex color DE8D48 looks on a white background.

Color Contrast Check

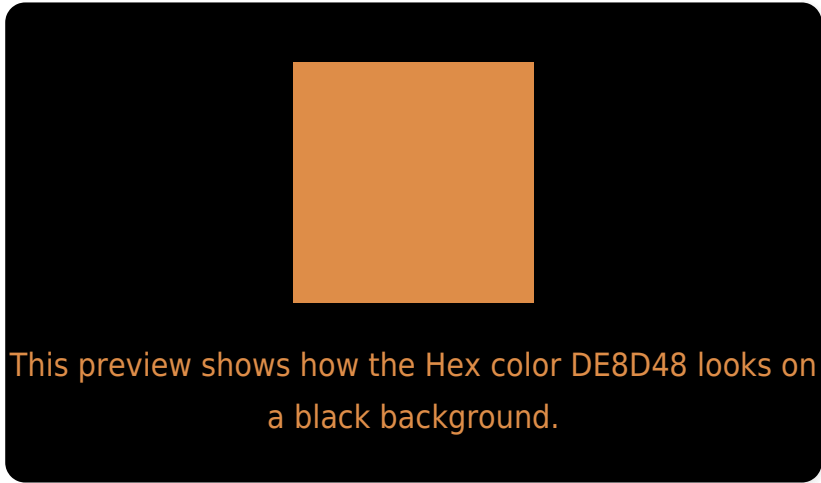
Large Text (above 18pt) WCAG AA × Fail

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

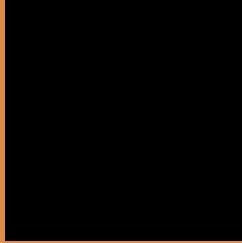
Any Text WCAG AA ✓ Pass

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 DE8D48 Background



This preview shows how black text looks on a background with the Hex color DE8D48.




This preview shows how white text looks on a background with the Hex color DE8D48.

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
E3858F

Trichromacy



Original Color
DE8D48

Protanomaly
C1994C

Deuteranomaly
CF9446

Tritanomaly
E18875

Monochromacy



Original Color
DE8D48

Achromatopsia
9D9D9D

Achromatomaly
B5977E

CSS Examples

Text

The CSS property to change the color of the text to Hex DE8D48 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 #DE8D48 looks like.

```
.text, #text, p{  
    color:#DE8D48  
}
```

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 #DE8D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8D48
}
```

Border

The CSS property to change the border of an element to Hex DE8D48 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
#DE8D48 }
```

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

```
.border{ border-color:#DE8D48 }
```

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

Here you see how a box with a 4 pixel #DE8D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8D48; -webkit-box-shadow:4px 4px  
4px 4px #DE8D48; box-shadow:4px 4px 4px  
4px #DE8D48 }
```

Background

The CSS property to change the background color of an element to Hex DE8D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8D48 }
```

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

```
.background{ background-color:#DE8D48 }
```

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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