

Converting Colors

Hex(DE8C32)

Have a look what the booklet for
Hex(DE8C32) contains.

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Color

Hex(DE8C32)

Conversions

Conversions Part 1

Format	Color
Hex	DE8C32
RGB	222, 140, 50
RGB Percent	87%, 55%, 20%
CMY	0.1294, 0.4510, 0.8039
CMYK	0.00, 0.37, 0.77, 0.13
HSL	31°, 72%, 53%
HSV	31°, 77%, 87%
XYZ	40.0780, 34.5161, 7.5675
YIQ	154.2580, 77.7620, -10.6060

Conversions

Conversions Part 2

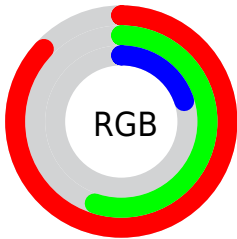
Format	Color
RYB	207, 222, 50
Decimal	14584882
CIELab	65.37, 24.20, 58.06
CIElCh	65, 62.907, 67.371
Yxy	34.5161, 0.4878, 0.4201
Android (android.graphics.Color)	4292774962 (0xFFDE8C32)
YUV	154.2580, -51.3992, 59.4097
Hunter-Lab	58.7504, 18.9550, 33.4882

Details

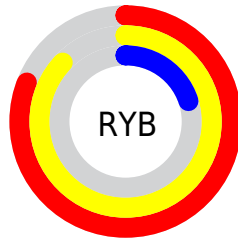
The Hex color **DE8C32** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle muted orange. A complement of this color would be **3284DE**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC266**, and **A15900** is the 20% darker color. If you saturate the color by 10%, you get **DE811C**, and if you desaturate by 10%, it is **DE9748**.

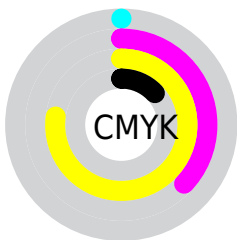
Distribution



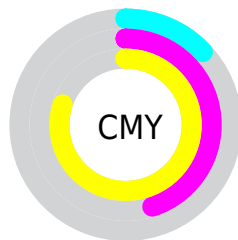
- Red (87%)
- Green (55%)
- Blue (20%)



- Red (81%)
- Yellow (87%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (77%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE8C32 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 DE8C32 by changing the saturation by 10% instead.

 DE8C32

 DE8C32

FFFFFF

 BF7215

 FFC266

 A15900

 FFDE81

 844200

 FFFA9C

 672B00

 FFFFB8

 4B1500

 FFFFD4

 300000

 FFFFF1

 0B0000

 000000

 DE8C32

 DE8C32

 DE811C

 DE9748

 DE7706

 DEA15E

 DE7400

 DEAC75

 DEB68B

 DEC1A1

 DECCB7

 DED6CD

 DEE1E4

 DEEBFA

Harmonies

Analogous

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



FD755D



DE8C32



AFA020

Triad

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



DE8C32



00BAAB



B38AF9

Complementary

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



DE8C32



3284DE

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.



3AA1FF



DE8C32



00B8E2

Square

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



DE8C32



00B771



00B0FF



ED72CB

Rectangle

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



DE8C32



89AB31



00B0FF



9692FF

Sweetspot

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



DE8C32



FFE3C4



DE3285



806E5C



000000



808080

Same Dimension

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



DE8C32



FF8E12



DBDE32



706B65



B05C00



301900

Inverse Universe

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



3284DE



1283FF



3532DE



656A70



0054B0



001730

Previews

White Background



This preview shows how the Hex color DE8C32 looks on a white background.

Color Contrast Check

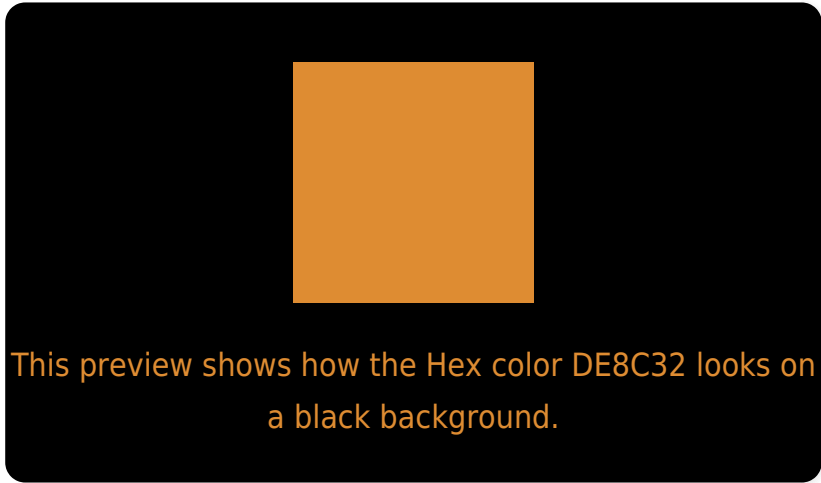
Large Text (above 18pt) WCAG AA × Fail

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

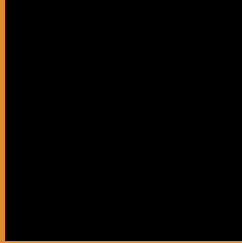
Any Text WCAG AA ✓ Pass

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 DE8C32 Background



This preview shows how black text looks on a background with the Hex color DE8C32.



This preview shows how white text looks on a background with the Hex color DE8C32.

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
DE8C32

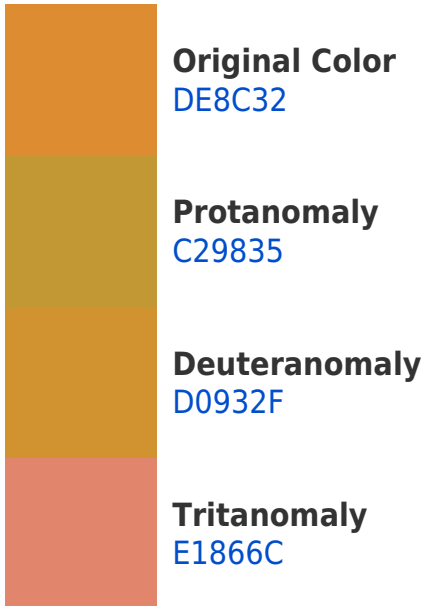
Protanopia
B29F37

Deuteranopia
C8972E



Tritanopia
E3838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE8C32 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 #DE8C32 looks like.

```
.text, #text, p{  
    color:#DE8C32  
}
```

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 #DE8C32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8C32
}
```

Border

The CSS property to change the border of an element to Hex DE8C32 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
#DE8C32 }
```

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

```
.border{ border-color:#DE8C32 }
```

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

Here you see how a box with a 4 pixel #DE8C32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8C32; -webkit-box-shadow:4px 4px  
4px 4px #DE8C32; box-shadow:4px 4px 4px  
4px #DE8C32 }
```

Background

The CSS property to change the background color of an element to Hex DE8C32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8C32 }
```

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

```
.background{ background-color:#DE8C32 }
```

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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