

Converting Colors

Hex(DE6837)

Have a look what the booklet for
Hex(DE6837) contains.

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Color

Hex(DE6837)

Conversions

Conversions Part 1

Format	Color
Hex	DE6837
RGB	222, 104, 55
RGB Percent	87%, 41%, 22%
CMY	0.1294, 0.5922, 0.7843
CMYK	0.00, 0.53, 0.75, 0.13
HSL	18°, 72%, 54%
HSV	18°, 75%, 87%
XYZ	35.7641, 25.7061, 6.6912
YIQ	133.6960, 86.0570, 9.7770

Conversions

Conversions Part 2

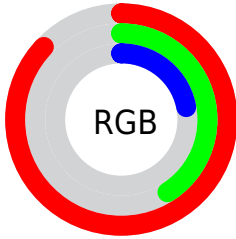
Format	Color
R_{YB}	222, 124, 55
Decimal	14575671
CIE _{Lab}	57.76, 43.05, 48.24
CIE _{LCh}	58, 64.660, 48.253
Yxy	25.7061, 0.5247, 0.3771
Android (android.graphics.Color)	4292765751 (0xFFDE6837)
YUV	133.6960, -38.7971, 77.4426
Hunter-Lab	50.7011, 37.1852, 27.6661

Details

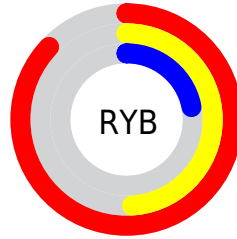
The Hex color **DE6837** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **37ADDE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9E69**, and **A03404** is the 20% darker color. If you saturate the color by 10%, you get **DE5821**, and if you desaturate by 10%, it is **DE784D**.

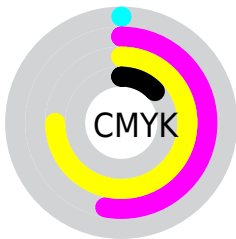
Distribution



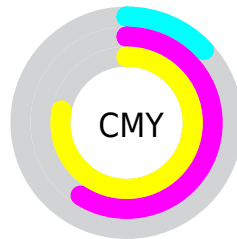
- Red (87%)
- Green (41%)
- Blue (22%)



- Red (87%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (13%)



- Cyan (13%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE6837 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 DE6837 by changing the saturation by 10% instead.

 DE6837

 DE6837

FFFFFF

 BF4E1F

 FF9E69

 A03404

 FFB982

 821800

 FFD69D

 640000

 FFF2B8

 470000

 FFFFD4

 2D0001

 FFFFF1

 000000

 DE6837

 DE6837

 DE5821

 DE784D

 DE490B

 DE8763

 DE4100

 DE977A

 DEA790

 DEB6A6

 DEC6BC

 DED6D2

 DEE5E9

 DEF5FF

Harmonies

Analogous

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



EF536B



DE6837



B88001

Triad

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



DE6837



00A472



5A85F7

Complementary

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



DE6837



37ADDE

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.



0098FA



DE6837



00A5AD

Square

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



DE6837



3E9E39



00A2DE



B86BD7

Rectangle

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



DE6837



988D00



00A2DE



008CFB

Sweetspot

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



DE6837



FFD6C4



DE37AF



80665C



000000



808080

Same Dimension

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



DE6837



FF5D19



DEBA37



706865



B03400



300E00

Inverse Universe

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



37ADDE



19BCFF



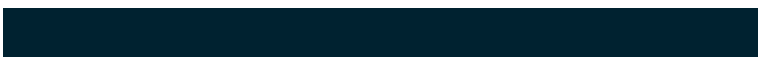
375BDE



656D70



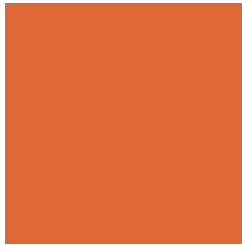
007CB0



002230

Previews

White Background



This preview shows how the Hex color DE6837 looks on a white background.

Color Contrast Check

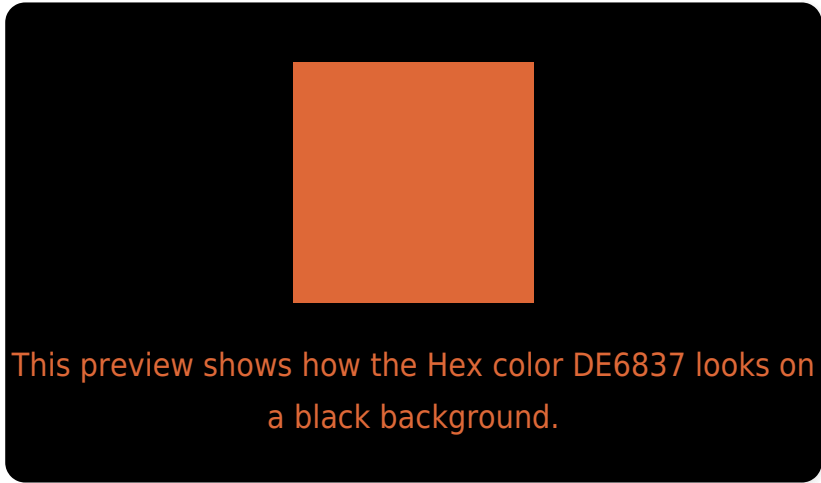
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6837 Background



This preview shows how black text looks on a background with the Hex color DE6837.



This preview shows how white text looks on a background with the Hex color DE6837.

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](#).

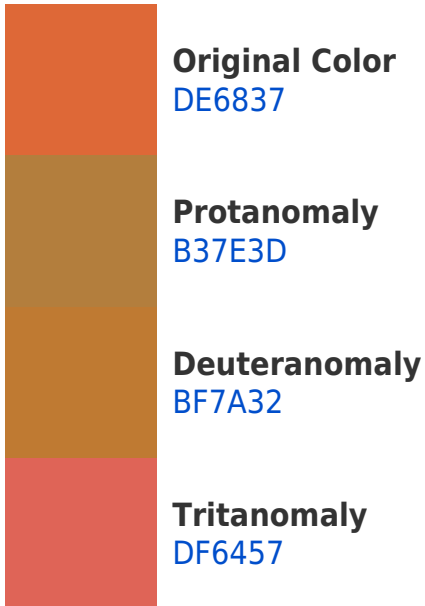
Dichromacy





Tritanopia
E06269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE6837 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 #DE6837 looks like.

```
.text, #text, p{  
    color:#DE6837  
}
```

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 #DE6837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6837  
}
```

Border

The CSS property to change the border of an element to Hex DE6837 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  
#DE6837 }
```

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

```
.border{ border-color:#DE6837 }
```

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

Here you see how a box with a 4 pixel #DE6837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6837; -webkit-box-shadow:4px 4px  
4px 4px #DE6837; box-shadow:4px 4px 4px  
4px #DE6837 }
```

Background

The CSS property to change the background color of an element to Hex DE6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6837 }
```

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

```
.background{ background-color:#DE6837 }
```

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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