

Converting Colors

Hex(DE6A5E)

Have a look what the booklet for
Hex(DE6A5E) contains.

Hex(DE6A5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DE6A5E)

Conversions

Conversions Part 1

Format	Color
Hex	DE6A5E
RGB	222, 106, 94
RGB Percent	87%, 42%, 37%
CMY	0.1294, 0.5843, 0.6314
CMYK	0.00, 0.52, 0.58, 0.13
HSL	6°, 66%, 62%
HSV	6°, 58%, 87%
XYZ	37.2986, 26.6458, 13.7670
YIQ	139.3160, 72.9880, 20.8600

Conversions

Conversions Part 2

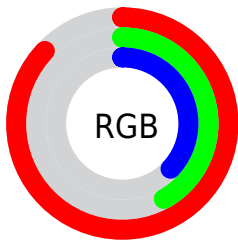
Format	Color
RYB	222, 107, 94
Decimal	14576222
CIELab	58.65, 44.32, 28.32
CIELCh	59, 52.590, 32.577
Yxy	26.6458, 0.4800, 0.3429
Android (android.graphics.Color)	4292766302 (0xFFDE6A5E)
YUV	139.3160, -22.3408, 72.5139
Hunter-Lab	51.6196, 38.6440, 20.3210

Details

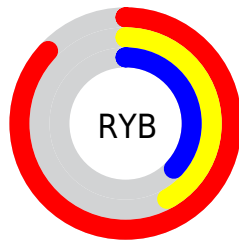
The Hex color **DE6A5E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5ED2DE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA091**, and **A23530** is the 20% darker color. If you saturate the color by 10%, you get **DE5648**, and if you desaturate by 10%, it is **DE7E74**.

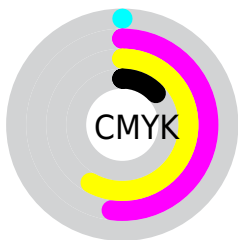
Distribution



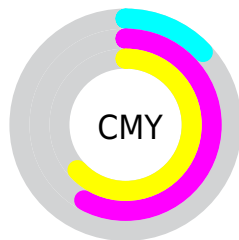
- Red (87%)
- Green (42%)
- Blue (37%)



- Red (87%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (58%)
- Black (13%)



- Cyan (13%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE6A5E 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 DE6A5E by changing the saturation by 10% instead.

 DE6A5E

 DE6A5E

FFFFFF

 C05046

 FFA091

 A23530

 FFBCAB

 84191A

 FFD8C6

 670002

 FFF5E3

 4A0000

 310002

 000000

 DE6A5E

 DE6A5E

 DE5648

 DE7E74

 DE4232

 DE928A

 DE2E1B

 DEA6A1

 DE1A05

 DEBAB7

 DE1500

 DECFCD

 DEE3E3

 DEF7F9

 DEFFFF

Harmonies

Analogous

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



E0638B



DE6A5E



C77B3A

Triad

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



DE6A5E



2DA061



2C91E9

Complementary

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



DE6A5E



5ED2DE

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.



009DDE



DE6A5E



00A490

Square

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



DE6A5E



73993A



00A3BD



947FDB

Rectangle

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



DE6A5E



B0872C



00A3BD



0096E8

Sweetspot

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



DE6A5E



FFD8D4



DE5ED3



806866



000000



808080

Same Dimension

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



DE6A5E



FF604F



DEA95E



706665



B01000



300500

Inverse Universe

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



5ED2DE



4FEFFF



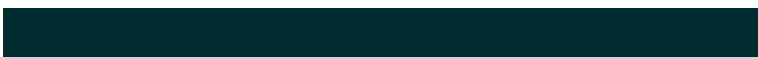
5E93DE



656F70



009FB0



002C30

Previews

White Background



This preview shows how the Hex color DE6A5E looks on a white background.

Color Contrast Check

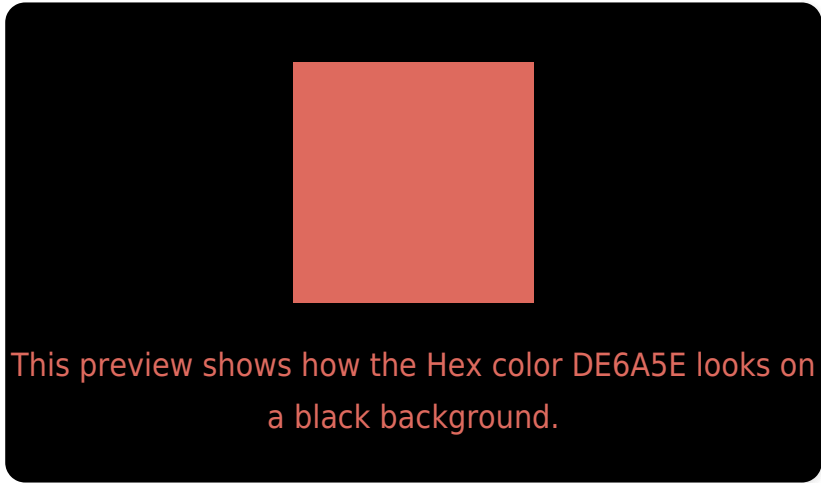
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE6A5E Background



This preview shows how black text looks on a background with the Hex color DE6A5E.

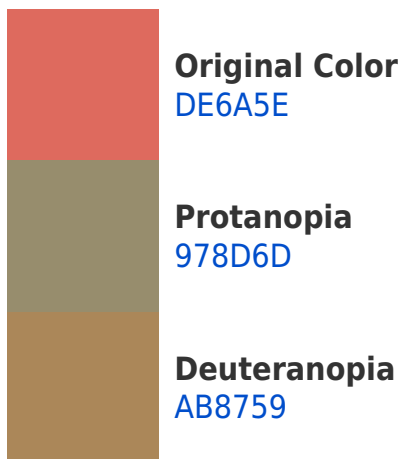



This preview shows how white text looks on a background with the Hex color DE6A5E.

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
DF686F

Trichromacy



Original Color
DE6A5E

Protanomaly
B18068

Deuteranomaly
BE7C5B

Tritanomaly
DF6969

Monochromacy



Original Color
DE6A5E

Achromatopsia
8B8B8B

Achromatomaly
A97F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE6A5E 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 #DE6A5E looks like.

```
.text, #text, p{  
    color:#DE6A5E  
}
```

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 #DE6A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6A5E
}
```

Border

The CSS property to change the border of an element to Hex DE6A5E 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
#DE6A5E }
```

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

```
.border{ border-color:#DE6A5E }
```

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

Here you see how a box with a 4 pixel #DE6A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6A5E; -webkit-box-shadow:4px 4px  
4px 4px #DE6A5E; box-shadow:4px 4px 4px  
4px #DE6A5E }
```

Background

The CSS property to change the background color of an element to Hex DE6A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6A5E }
```

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

```
.background{ background-color:#DE6A5E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor