

Converting Colors

Hex(DE433E)

Have a look what the booklet for
Hex(DE433E) contains.

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Color

Hex(DE433E)

Conversions

Conversions Part 1

Format	Color
Hex	DE433E
RGB	222, 67, 62
RGB Percent	87%, 26%, 24%
CMY	0.1294, 0.7373, 0.7569
CMYK	0.00, 0.70, 0.72, 0.13
HSL	2°, 71%, 56%
HSV	2°, 72%, 87%
XYZ	33.0009, 19.8917, 6.6576
YIQ	112.7750, 93.9850, 31.3050

Conversions

Conversions Part 2

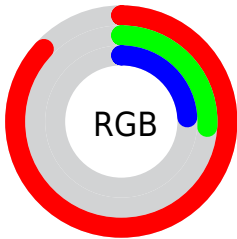
Format	Color
RYB	222, 67, 62
Decimal	14566206
CIELab	51.71, 59.55, 37.96
CIElCh	52, 70.620, 32.513
Yxy	19.8917, 0.5542, 0.3340
Android (android.graphics.Color)	4292756286 (0xFFDE433E)
YUV	112.7750, -25.0321, 95.7903
Hunter-Lab	44.6001, 54.0269, 22.3697

Details

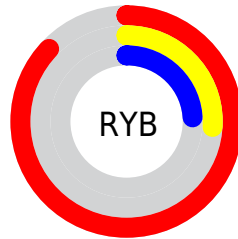
The Hex color **DE433E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3ED9DE**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7C6E**, and **9F0012** is the 20% darker color. If you saturate the color by 10%, you get **DE2D28**, and if you desaturate by 10%, it is **DE5954**.

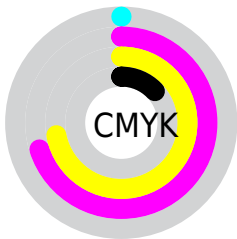
Distribution



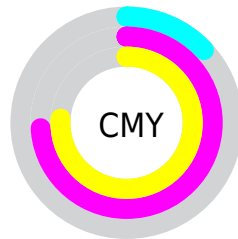
- Red (87%)
- Green (26%)
- Blue (24%)



- Red (87%)
- Yellow (26%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE433E 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 DE433E by changing the saturation by 10% instead.

 DE433E

 DE433E

FFFFFF

 BE2328

 FF7C6E

 9F0012

 FF9888

 800000

 FFB5A2

 610000

 FFD2BD

 450002

 FFEFD9

 250001

 FFFFF6

 000000

 DE433E

 DE433E

 DE2D28

 DE5954

 DE1812

 DE6E6A

 DE0700

 DE8481

 DE9997

 DEAFAD

 DEC4C3

 DEDAD9

 DEEFF0

 DEFFFF

Harmonies

Analogous

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



E33179



DE433E



C06200

Triad

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



DE433E



00923F



0081F5

Complementary

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



DE433E



3ED9DE

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.



0090E7



DE433E



00967F

Square

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



DE433E



528A00



0095BB



7D68E2

Rectangle

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



DE433E



A27300



0095BB



0087F4

Sweetspot

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



DE433E



FFC9C7



DE3EDB



805F5E



000000



808080

Same Dimension

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



DE433E



FF2B24



DE913E



706565



B00500



300200

Inverse Universe

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



3ED9DE



24F8FF



3E8BDE



657070



00AAB0



002F30

Previews

White Background



This preview shows how the Hex color DE433E looks on a white background.

Color Contrast Check

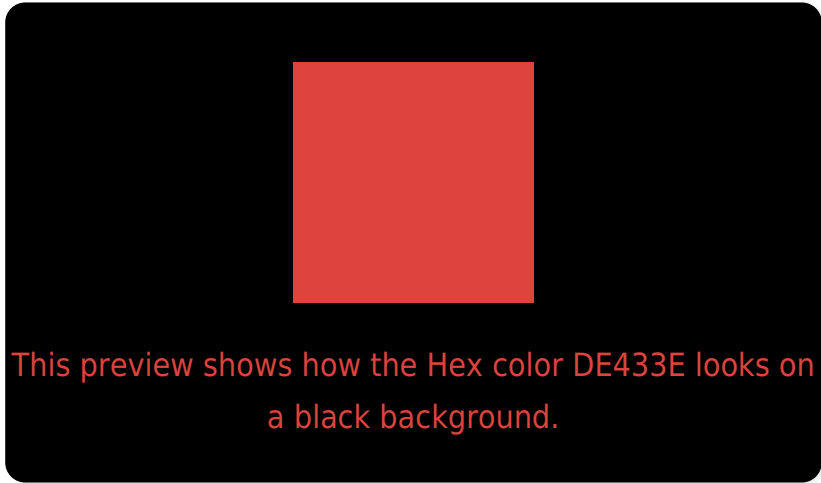
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE433E Background



This preview shows how black text looks on a background with the Hex color DE433E.



This preview shows how white text looks on a background with the Hex color DE433E.

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
DE433E

Protanopia
867C51

Deuteranopia
9A7634

Trichromacy



Original Color
DE433E

Protanomaly
A6674A

Deuteranomaly
B36338

Tritanomaly
DE4242

Monochromacy



Original Color
DE433E

Achromatopsia
717171

Achromatomaly
99605E

CSS Examples

Text

The CSS property to change the color of the text to Hex DE433E 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 #DE433E looks like.

```
.text, #text, p{  
    color:#DE433E  
}
```

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 #DE433E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE433E
}
```

Border

The CSS property to change the border of an element to Hex DE433E is called "border". The border property can be set on classes, ids or directly on the HTML element.

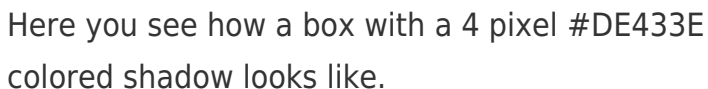
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE433E }
```

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

```
.border{ border-color:#DE433E }
```

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



Here you see how a box with a 4 pixel #DE433E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE433E; -webkit-box-shadow:4px 4px  
4px 4px #DE433E; box-shadow:4px 4px 4px  
4px #DE433E }
```

Background

The CSS property to change the background color of an element to Hex DE433E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE433E }
```

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

```
.background{ background-color:#DE433E }
```

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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