

Converting Colors

Hex(DE3A2E)

Have a look what the booklet for
Hex(DE3A2E) contains.

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Color

Hex(**DE3A2E**)

Conversions

Conversions Part 1

Format	Color
Hex	DE3A2E
RGB	222, 58, 46
RGB Percent	87%, 23%, 18%
CMY	0.1294, 0.7725, 0.8196
CMYK	0.00, 0.74, 0.79, 0.13
HSL	4°, 73%, 53%
HSV	4°, 79%, 87%
XYZ	32.1304, 18.7530, 4.5110
YIQ	105.6680, 101.5960, 31.0360

Conversions

Conversions Part 2

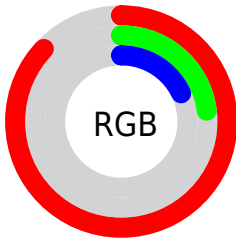
Format	Color
R _Y B	222, 59, 46
Decimal	14563886
CIE Lab	50.40, 62.11, 45.27
CIE LCh	50, 76.862, 36.087
Yxy	18.7530, 0.5800, 0.3385
Android (android.graphics.Color)	4292753966 (0xFFDE3A2E)
YUV	105.6680, -29.4163, 102.0232
Hunter-Lab	43.3047, 56.6568, 24.1371

Details

The Hex color **DE3A2E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2ED2DE**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF755E**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DE2518**, and if you desaturate by 10%, it is **DE4F44**.

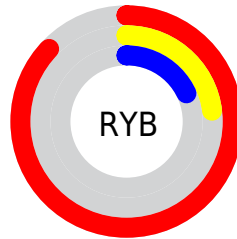
Distribution



Red (87%)

Green (23%)

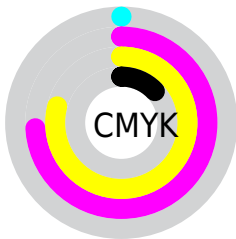
Blue (18%)



Red (87%)

Yellow (23%)

Blue (18%)

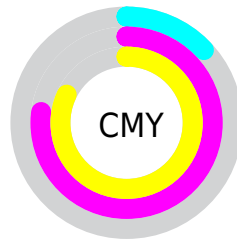


Cyan (0%)

Magenta (74%)

Yellow (79%)

Black (13%)



Cyan (13%)

Magenta (77%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3A2E 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 DE3A2E by changing the saturation by 10% instead.

 DE3A2E

 DE3A2E

FFFFFF

 BE1417

 FF755E

 9E0000

 FF9177

 7F0000

 FFAE91

 600000

 FFCBAB

 440003

 FFE8C7

 220001

 FFFF E3

 000000

 DE3A2E

 DE3A2E

 DE2518

 DE4F44

 DE1102

 DE635A

 DE0F00

 DE7871

 DE8D87

 DEA19D

 DEB6B3

 DECBC9

 DEDFE0

 DEF4F6

Harmonies

Analogous

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



E8156E



DE3A2E



BA6000

Triad

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



DE3A2E



00903F



007CFC

Complementary

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



DE3A2E



2ED2DE

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.



008DF1



DE3A2E



009484

Square

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



DE3A2E



3D8900



0093C4



855FE3

Rectangle

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



DE3A2E



997200



0093C4



0083FC

Sweetspot

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



DE3A2E



FFC6C2



DE2ED2



805D5B



000000



808080

Same Dimension

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



DE3A2E



FF1D0D



DE922E



706665



B00C00



300300

Inverse Universe

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



2ED2DE



0DEEFF



2E7ADE



656F70



00A4B0



002D30

Previews

White Background



This preview shows how the Hex color DE3A2E looks on a white background.

Color Contrast Check

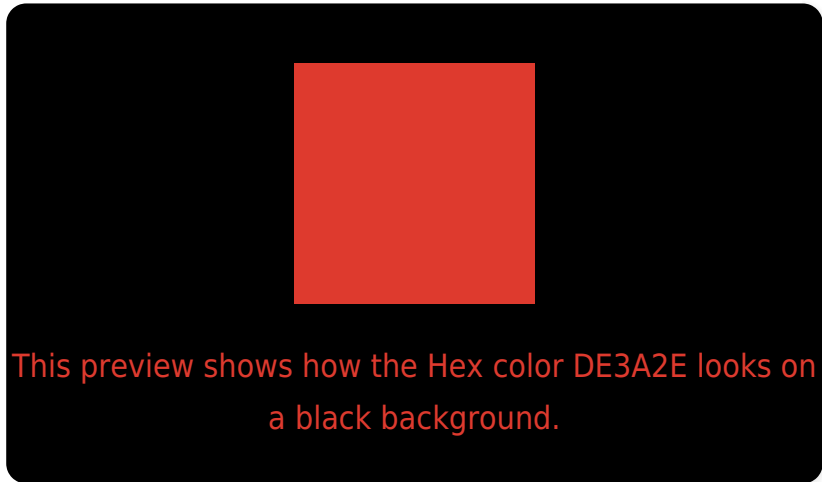
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3A2E Background



This preview shows how black text looks on a background with the Hex color DE3A2E.



This preview shows how white text looks on a background with the Hex color DE3A2E.

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
DE3A2E

Protanopia
857940

Deuteranopia
977220

Trichromacy



Original Color
DE3A2E

Protanomaly
A56239

Deuteranomaly
B15E25

Tritanomaly
DE3936

Monochromacy



Original Color
DE3A2E

Achromatopsia
6A6A6A

Achromatomaly
945954

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3A2E 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 #DE3A2E looks like.

```
.text, #text, p{  
  color:#DE3A2E  
}
```

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 #DE3A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3A2E
}
```

Border

The CSS property to change the border of an element to Hex DE3A2E 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
#DE3A2E }
```

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

```
.border{ border-color:#DE3A2E }
```

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

Here you see how a box with a 4 pixel #DE3A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3A2E; -webkit-box-shadow:4px 4px  
4px 4px #DE3A2E; box-shadow:4px 4px 4px  
4px #DE3A2E }
```

Background

The CSS property to change the background color of an element to Hex DE3A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3A2E }
```

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

```
.background{ background-color:#DE3A2E }
```

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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