

Converting Colors

Hex(DE422E)

Have a look what the booklet for
Hex(DE422E) contains.

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Color

Hex(DE422E)

Conversions

Conversions Part 1

Format	Color
Hex	DE422E
RGB	222, 66, 46
RGB Percent	87%, 26%, 18%
CMY	0.1294, 0.7412, 0.8196
CMYK	0.00, 0.70, 0.79, 0.13
HSL	7°, 73%, 53%
HSV	7°, 79%, 87%
XYZ	32.5656, 19.6233, 4.6560
YIQ	110.3640, 99.3960, 26.8520

Conversions

Conversions Part 2

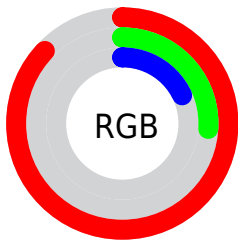
Format	Color
RYB	222, 69, 46
Decimal	14565934
CIELab	51.41, 59.32, 46.28
CIELCh	51, 75.238, 37.963
Yxy	19.6233, 0.5729, 0.3452
Android (android.graphics.Color)	4292756014 (0xFFDE422E)
YUV	110.3640, -31.7315, 97.9048
Hunter-Lab	44.2982, 53.7015, 24.7769

Details

The Hex color **DE422E** 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 **2ECADE**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7B5E**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DE2E18**, and if you desaturate by 10%, it is **DE5644**.

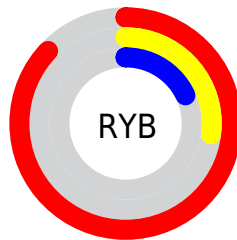
Distribution



Red (87%)

Green (26%)

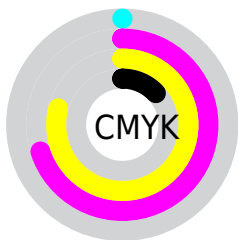
Blue (18%)



Red (87%)

Yellow (27%)

Blue (18%)

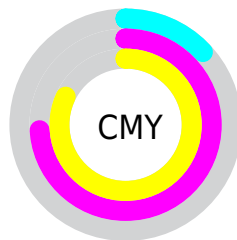


Cyan (0%)

Magenta (70%)

Yellow (79%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE422E 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 DE422E by changing the saturation by 10% instead.

 DE422E

 DE422E

FFFFFF

 BE2117

 FF7B5E

 9E0000

 FF9777

 7F0000

 FFB491

 600000

 FFD1AC

 440002

 FFEEC8

 240001

 FFFFE4

 000000

 DE422E

 DE422E

 DE2E18

 DE5644

 DE1B02

 DE695A

 DE1900

 DE7D71

 DE9187

 DEA49D

 DEB8B3

 DECCC9

 DEDFE0

 DEF3F6

Harmonies

Analogous

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



E9226C



DE422E



BA6500

Triad

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



DE422E



009347



007DFC

Complementary

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



DE422E



2ECADE

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.



008EF3



DE422E



00968B

Square

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



DE422E



3C8C00



0095C9



8F60E1

Rectangle

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



DE422E



987600



0095C9



0084FD

Sweetspot

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



DE422E



FFC9C2



DE2ECC



805F5B



000000



808080

Same Dimension

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



DE422E



FF280D



DE982E



706665



B01400



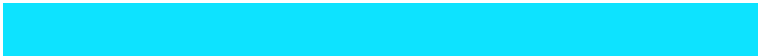
300600

Inverse Universe

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



2ECADE



0DE3FF



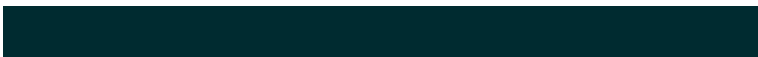
2E74DE



656F70



009CB0



002B30

Previews

White Background



This preview shows how the Hex color DE422E looks on a white background.

Color Contrast Check

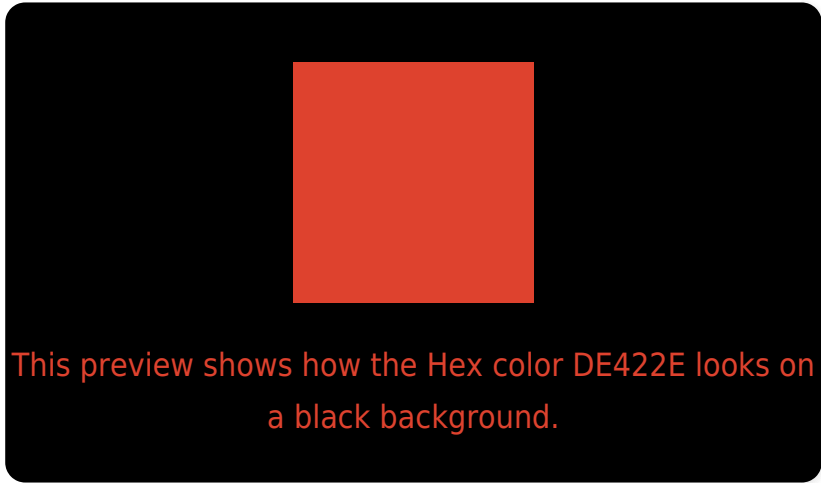
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE422E Background



This preview shows how black text looks on a background with the Hex color DE422E.



This preview shows how white text looks on a background with the Hex color DE422E.

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
DE422E

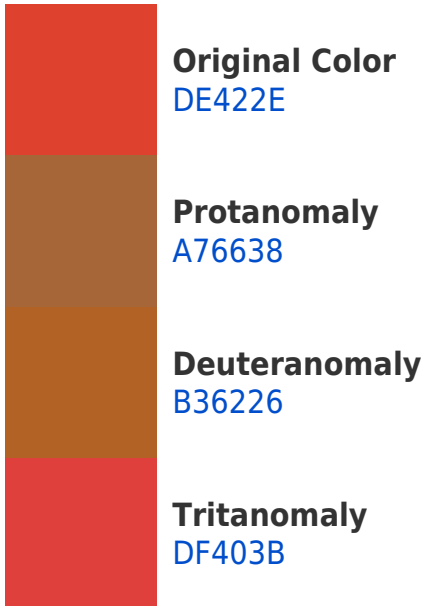
Protanopia
887B3E

Deuteranopia
9B7521



Tritanopia
DF3F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE422E 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 #DE422E looks like.

```
.text, #text, p{  
    color:#DE422E  
}
```

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 #DE422E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE422E
}
```

Border

The CSS property to change the border of an element to Hex DE422E is called "border". The border property can be set on classes, ids or directly on the HTML element.

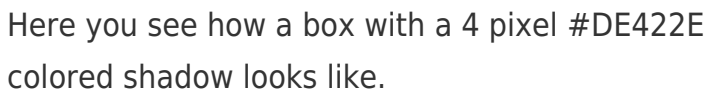
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE422E }
```

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

```
.border{ border-color:#DE422E }
```

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



Here you see how a box with a 4 pixel `#DE422E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE422E; -webkit-box-shadow:4px 4px  
4px 4px #DE422E; box-shadow:4px 4px 4px  
4px #DE422E }
```

Background

The CSS property to change the background color of an element to Hex DE422E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE422E }
```

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

```
.background{ background-color:#DE422E }
```

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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