

Converting Colors

Hex(DE4C30)

Have a look what the booklet for
Hex(DE4C30) contains.

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Color

Hex(DE4C30)

Conversions

Conversions Part 1

Format	Color
Hex	DE4C30
RGB	222, 76, 48
RGB Percent	87%, 30%, 19%
CMY	0.1294, 0.7020, 0.8118
CMYK	0.00, 0.66, 0.78, 0.13
HSL	10°, 72%, 53%
HSV	10°, 78%, 87%
XYZ	33.2421, 20.9119, 5.0806
YIQ	116.4620, 96.0040, 22.2440

Conversions

Conversions Part 2

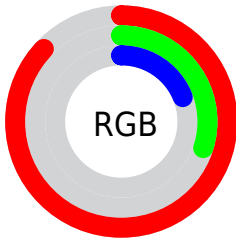
Format	Color
R _Y B	222, 81, 48
Decimal	14568496
CIE Lab	52.85, 55.50, 46.71
CIE LCh	53, 72.539, 40.084
Yxy	20.9119, 0.5612, 0.3530
Android (android.graphics.Color)	4292758576 (0xFFDE4C30)
YUV	116.4620, -33.7518, 92.5568
Hunter-Lab	45.7295, 49.7303, 25.4234

Details

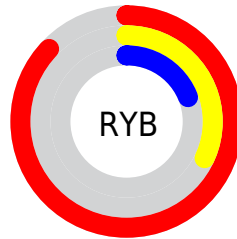
The Hex color **DE4C30** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30C2DE**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8360**, and **9F0500** is the 20% darker color. If you saturate the color by 10%, you get **DE391A**, and if you desaturate by 10%, it is **DE5F46**.

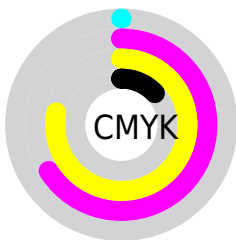
Distribution



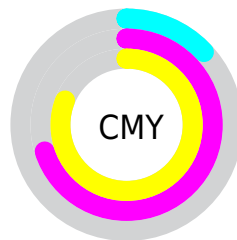
- Red (87%)
- Green (30%)
- Blue (19%)



- Red (87%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4C30 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 DE4C30 by changing the saturation by 10% instead.

 DE4C30

 DE4C30

FFFFFF

 BE2F19

 FF8360

 9F0500

 FF9F7A

 800000

 FFBC94

 610000

 FFD9AF

 440001

 FFF6CB

 260001

 FFFFE7

 000000

 DE4C30

 DE4C30

 DE391A

 DE5F46

 DE2704

 DE715C

 DE2400

 DE8473

 DE9789

 DEA99F

 DEBCB5

 DECECB

 DEE1E2

 DEF4F8

Harmonies

Analogous

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



EB316C



DE4C30



BA6B00

Triad

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



DE4C30



009751



007FFA

Complementary

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



DE4C30



30C2DE

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.



0090F4



DE4C30



009992

Square

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



DE4C30



3D9001



0098CE



9963DF

Rectangle

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



DE4C30



987C00



0098CE



0086FC

Sweetspot

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



DE4C30



FFCC2



DE30C4



80605B



000000



808080

Same Dimension

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



DE4C30



FF360F



DEA130



706765



B01C00



300800

Inverse Universe

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



30C2DE



0FD8FF



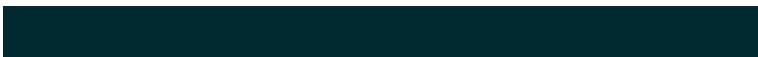
306DDE



656E70



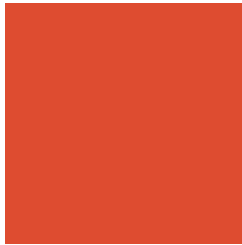
0094B0



002930

Previews

White Background



This preview shows how the Hex color DE4C30 looks on a white background.

Color Contrast Check

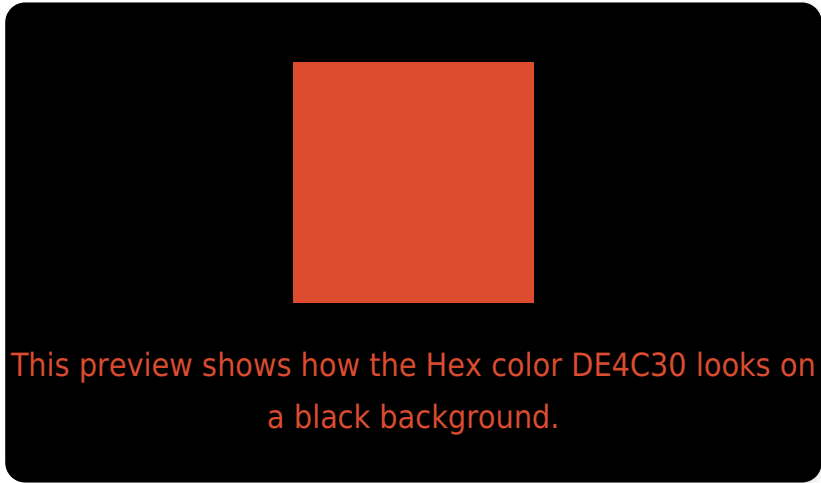
Large Text (above 18pt) WCAG AA ✓ Pass

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

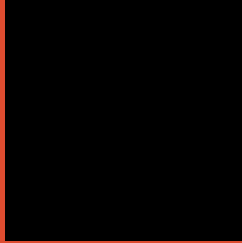
Any Text WCAG AA ✓ Pass

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 DE4C30 Background



This preview shows how black text looks on a background with the Hex color DE4C30.



This preview shows how white text looks on a background with the Hex color DE4C30.

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
DE4C30

Protanopia
8C7F3F

Deuteranopia
9F7824

Trichromacy



Original Color
DE4C30

Protanomaly
AA6C3A

Deuteranomaly
B66828

Tritanomaly
DF4A42

Monochromacy



Original Color
DE4C30

Achromatopsia
747474

Achromatomaly
9B655B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE4C30 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 #DE4C30 looks like.

```
.text, #text, p{  
    color:#DE4C30  
}
```

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 #DE4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4C30
}
```

Border

The CSS property to change the border of an element to Hex DE4C30 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
#DE4C30 }
```

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

```
.border{ border-color:#DE4C30 }
```

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

Here you see how a box with a 4 pixel #DE4C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4C30; -webkit-box-shadow:4px 4px  
4px 4px #DE4C30; box-shadow:4px 4px 4px  
4px #DE4C30 }
```

Background

The CSS property to change the background color of an element to Hex DE4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4C30 }
```

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

```
.background{ background-color:#DE4C30 }
```

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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