

# Converting Colors

Hex(DE4B34)

Have a look what the booklet for  
Hex(DE4B34) contains.

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# Color

Hex(DE4B34)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | DE4B34                     |
| RGB           | 222, 75, 52                |
| RGB Percent   | 87%, 29%, 20%              |
| CMY           | 0.1294, 0.7059, 0.7961     |
| CMYK          | 0.00, 0.66, 0.77, 0.13     |
| HSL           | 8°, 72%, 54%               |
| HSV           | 8°, 77%, 87%               |
| XYZ           | 33.2601, 20.8097, 5.5125   |
| YIQ           | 116.3310, 94.9950, 24.0110 |

# Conversions

## Conversions Part 2

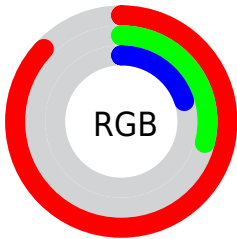
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 222, 79, 52                    |
| Decimal                             | 14568244                       |
| CIE <sub>Lab</sub>                  | 52.74, 56.05, 44.53            |
| CIE <sub>LCh</sub>                  | 53, 71.584, 38.468             |
| Yxy                                 | 20.8097, 0.5582,<br>0.3493     |
| Android<br>(android.graphics.Color) | 4292758324<br>(0xFFDE4B34)     |
| YUV                                 | 116.3310, -31.7152,<br>92.6717 |
| Hunter-Lab                          | 45.6176, 50.3147,<br>24.7677   |

# Details

The Hex color **DE4B34** 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 **34C7DE**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8364**, and **9F0205** is the 20% darker color. If you saturate the color by 10%, you get **DE381E**, and if you desaturate by 10%, it is **DE5E4A**.

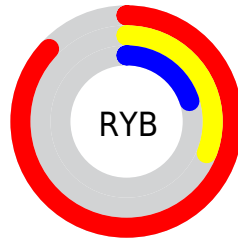
# Distribution



Red (87%)

Green (29%)

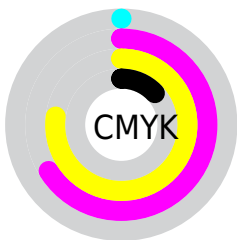
Blue (20%)



Red (87%)

Yellow (31%)

Blue (20%)

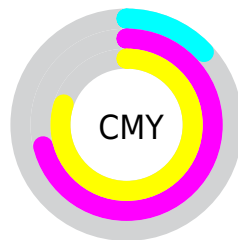


Cyan (0%)

Magenta (66%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (71%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE4B34 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 DE4B34 by changing the saturation by 10% instead.



 DE4B34

 DE4B34

FFFFFF

 BE2D1D

 FF8364

 9F0205

 FF9F7E

 800000

 FFBB98

 610000

 FFD8B3

 440002

 FFF5CF

 260001

 FFFFEB

 000000

 DE4B34

 DE4B34

 DE381E

 DE5E4A

 DE2508

 DE7160

 DE1E00

 DE8577

 DE988D

 DEABA3

 DEBEB9

 DED1CF

 DEE5E6

 DEF8FC

# Harmonies

## Analogous

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



E9336F



DE4B34



BB6A00

# Triad

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



DE4B34



00964E



0080F9

# Complementary

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



DE4B34



34C7DE

# 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.



0091F1



DE4B34



00998E

# Square

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



DE4B34



438F00



0098C9



9464DF

# Rectangle

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



DE4B34



9B7A00



0098C9



0087FA



# Sweetspot

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



DE4B34



FFCC4



DE34C7



80615C



000000



808080



# Same Dimension

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



DE4B34



FF3414



DEA034



706665



B01800



300700

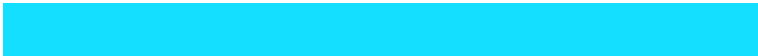


# Inverse Universe

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



34C7DE



14DFFF



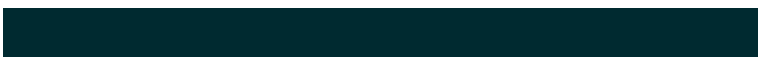
3472DE



656F70



0098B0



002A30



# Previews

## White Background



This preview shows how the Hex color DE4B34 looks on a white background.

## Color Contrast Check

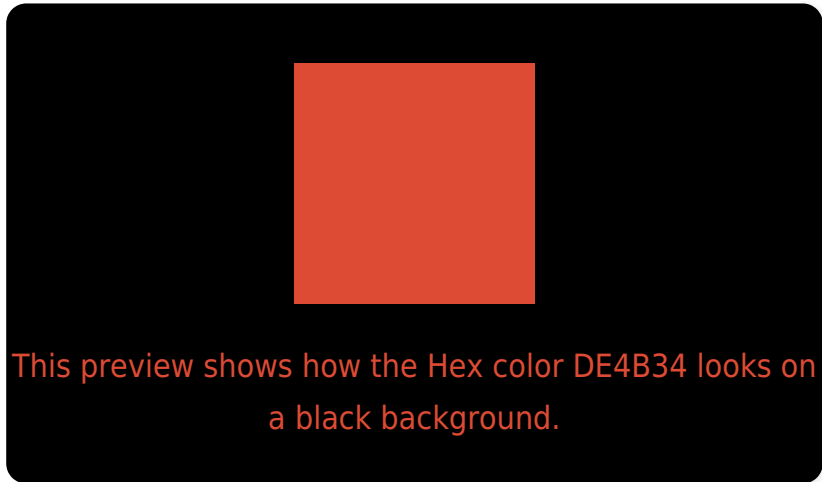
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4B34 Background



This preview shows how black text looks on a background with the Hex color DE4B34.



This preview shows how white text looks on a background with the Hex color DE4B34.

# 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**  
DE4B34

**Protanopia**  
8B7F44

**Deuteranopia**  
9E7829



# Trichromacy



**Original Color**  
DE4B34

**Protanomaly**  
A96C3E

**Deuteranomaly**  
B5682D

**Tritanomaly**  
DF4943

# Monochromacy



**Original Color**  
DE4B34

**Achromatopsia**  
747474

**Achromatomaly**  
9B655D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE4B34 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 #DE4B34 looks like.

```
.text, #text, p{  
    color:#DE4B34  
}
```

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 #DE4B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4B34
}
```

## Border

The CSS property to change the border of an element to Hex DE4B34 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".

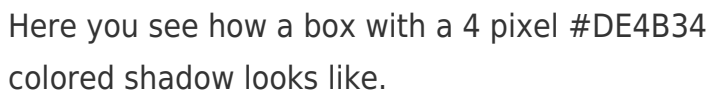
```
.border, #border, table{ border:4px solid
#DE4B34 }
```

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

```
.border{ border-color:#DE4B34 }
```

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

Here you see how a box with a 4 pixel #DE4B34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4B34; -webkit-box-shadow:4px 4px  
4px 4px #DE4B34; box-shadow:4px 4px 4px  
4px #DE4B34 }
```

# Background

The CSS property to change the background color of an element to Hex DE4B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4B34 }
```

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

```
.background{ background-color:#DE4B34 }
```

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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