

Converting Colors

Hex(DE4640)

Have a look what the booklet for
Hex(DE4640) contains.

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Color

Hex(DE4640)

Conversions

Conversions Part 1

Format	Color
Hex	DE4640
RGB	222, 70, 64
RGB Percent	87%, 27%, 25%
CMY	0.1294, 0.7255, 0.7490
CMYK	0.00, 0.68, 0.71, 0.13
HSL	2°, 71%, 56%
HSV	2°, 71%, 87%
XYZ	33.2398, 20.2801, 7.0130
YIQ	114.7640, 92.5180, 30.3580

Conversions

Conversions Part 2

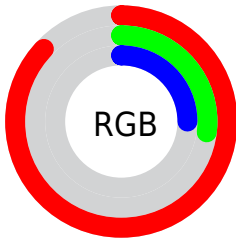
Format	Color
RYB	222, 70, 64
Decimal	14566976
CIELab	52.15, 58.51, 37.33
CIELCh	52, 69.407, 32.541
Yxy	20.2801, 0.5491, 0.3350
Android (android.graphics.Color)	4292757056 (0xFFDE4640)
YUV	114.7640, -25.0267, 94.0460
Hunter-Lab	45.0334, 52.9448, 22.2902

Details

The Hex color **DE4640** 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 **40D8DE**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7F70**, and **9F0014** is the 20% darker color. If you saturate the color by 10%, you get **DE312A**, and if you desaturate by 10%, it is **DE5B56**.

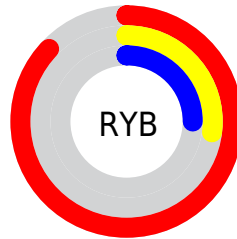
Distribution



Red (87%)

Green (27%)

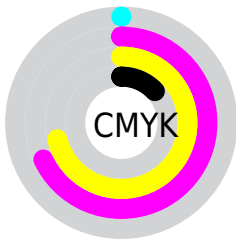
Blue (25%)



Red (87%)

Yellow (27%)

Blue (25%)

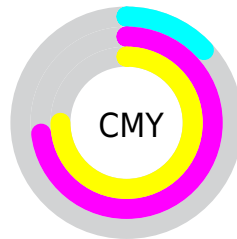


Cyan (0%)

Magenta (68%)

Yellow (71%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE4640 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 DE4640 by changing the saturation by 10% instead.

 DE4640

 DE4640

FFFFFF

 BE272A

 FF7F70

 9F0014

 FF9B8A

 810000

 FFB7A4

 620000

 FFD4C0

 450002

 FFF2DC

 260001

 FFFFF8

 000000

 DE4640

 DE4640

 DE312A

 DE5B56

 DE1B14

 DE716C

 DE0800

 DE8683

 DE9B99

 DEB1AF

 DEC6C5

 DEDBDB

 DEF1F2

 DEFFFF

Harmonies

Analogous

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



E3357A



DE4640



C06400

Triad

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



DE4640



009342



0082F4

Complementary

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



DE4640



40D8DE

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.



0090E6



DE4640



009680

Square

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



DE4640



558B00



0096BB



7F6AE2

Rectangle

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



DE4640



A37500



0096BB



0088F3

Sweetspot

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



DE4640



FFCBC9



DE40D9



806160



000000



808080

Same Dimension

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



DE4640



FF2E26



DE9440



706565



B00700



300200

Inverse Universe

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



40D8DE



26F7FF



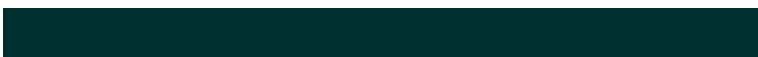
408ADE



657070



00A9B0



002F30

Previews

White Background



This preview shows how the Hex color DE4640 looks on a white background.

Color Contrast Check

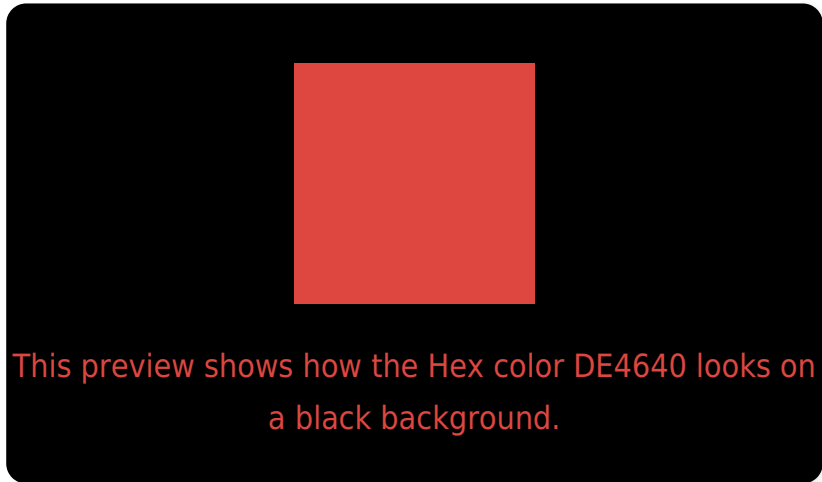
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4640 Background



This preview shows how black text looks on a background with the Hex color DE4640.



This preview shows how white text looks on a background with the Hex color DE4640.

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

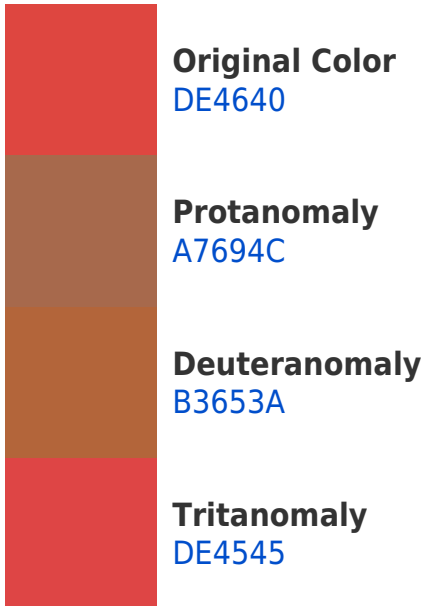


Original Color
DE4640

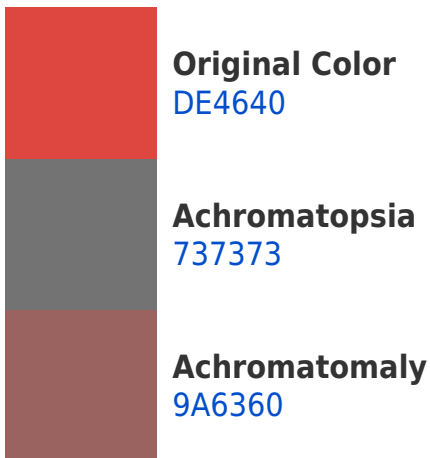
Protanopia
877D53

Deuteranopia
9B7737

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE4640 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 #DE4640 looks like.

```
.text, #text, p{  
    color:#DE4640  
}
```

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 #DE4640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4640
}
```

Border

The CSS property to change the border of an element to Hex DE4640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

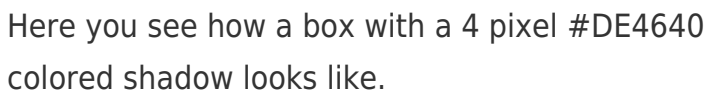
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE4640 }
```

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

```
.border{ border-color:#DE4640 }
```

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



Here you see how a box with a 4 pixel #DE4640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4640; -webkit-box-shadow:4px 4px  
4px 4px #DE4640; box-shadow:4px 4px 4px  
4px #DE4640 }
```

Background

The CSS property to change the background color of an element to Hex DE4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4640 }
```

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

```
.background{ background-color:#DE4640 }
```

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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