

Converting Colors

Hex(E24D42)

Have a look what the booklet for
Hex(E24D42) contains.

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Color

Hex(E24D42)

Conversions

Conversions Part 1

Format	Color
Hex	E24D42
RGB	226, 77, 66
RGB Percent	89%, 30%, 26%
CMY	0.1137, 0.6980, 0.7412
CMYK	0.00, 0.66, 0.71, 0.11
HSL	4°, 73%, 57%
HSV	4°, 71%, 89%
XYZ	35.0013, 21.8699, 7.5308
YIQ	120.2970, 92.3350, 28.1670

Conversions

Conversions Part 2

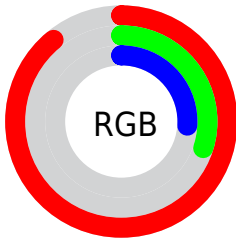
Format	Color
RYB	226, 78, 66
Decimal	14830914
CIELab	53.89, 57.14, 38.40
CIELCh	54, 68.847, 33.902
Yxy	21.8699, 0.5435, 0.3396
Android (android.graphics.Color)	4293020994 (0xFFE24D42)
YUV	120.2970, -26.7684, 92.7015
Hunter-Lab	46.7652, 51.7586, 23.1879

Details

The Hex color **E24D42** 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 **42D7E2**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8573**, and **A30416** is the 20% darker color. If you saturate the color by 10%, you get **E2382B**, and if you desaturate by 10%, it is **E26259**.

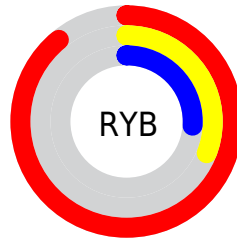
Distribution



Red (89%)

Green (30%)

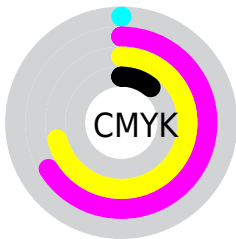
Blue (26%)



Red (89%)

Yellow (31%)

Blue (26%)

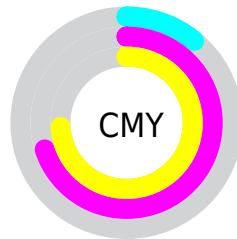


Cyan (0%)

Magenta (66%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E24D42 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 E24D42 by changing the saturation by 10% instead.

 E24D42

 E24D42

FFFFFF

 C22F2B

 FF8573

 A30416

 FFA18C

 850000

 FFBEA7

 660000

 FFDBC2

 480001

 FFF8DE

 2B0001

 FFFFFB

 000000

 E24D42

 E24D42

 E2382B

 E26259

 E22315

 E2776F

 E21000

 E28C86

 E2A19C

 E2B6B3

 E2CBCA

 E2E0E0

 E2F5F7

 E2FFFF

Harmonies

Analogous

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



E83D7C



E24D42



C36A00

Triad

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



E24D42



009849



0086F8

Complementary

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



E24D42



42D7E2

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.



0094EC



E24D42



009B87

Square

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



E24D42



569000



009BC2



896DE4

Rectangle

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



E24D42



A57A00



009BC2



008CF8

Sweetspot

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



E24D42



FFCDC9



E242D7



806260



000000



808080

Same Dimension

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



E24D42



FF3526



E29D42



706665



B00C00



300300

Inverse Universe

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



42D7E2



26F0FF



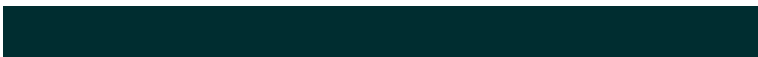
4287E2



656F70



00A4B0



002D30

Previews

White Background



This preview shows how the Hex color E24D42 looks on a white background.

Color Contrast Check

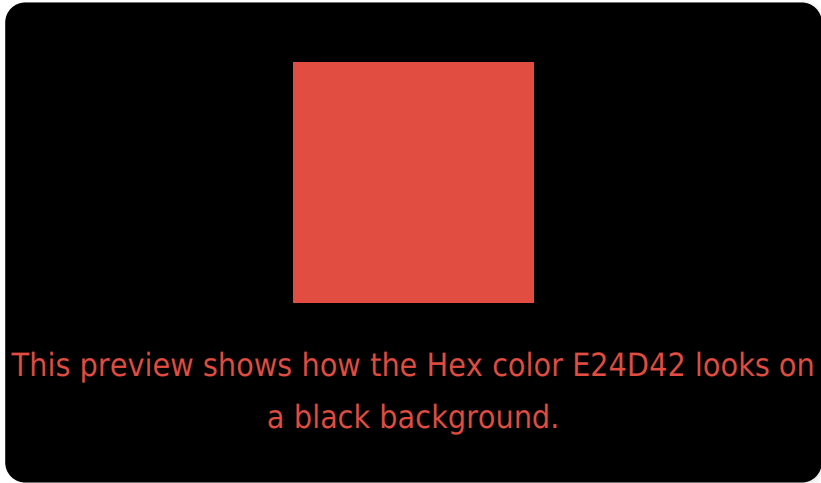
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24D42 Background



This preview shows how black text looks on a background with the Hex color E24D42.



This preview shows how white text looks on a background with the Hex color E24D42.

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
E24D42

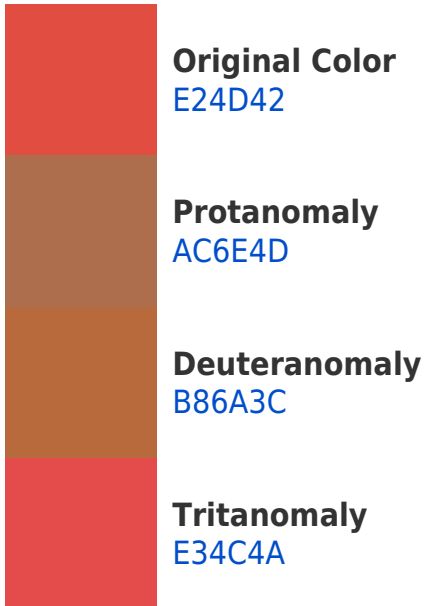
Protanopia
8D8154

Deuteranopia
A07B39



Tritanopia
E34B4F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E24D42 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 #E24D42 looks like.

```
.text, #text, p{  
    color:#E24D42  
}
```

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 #E24D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24D42
}
```

Border

The CSS property to change the border of an element to Hex E24D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

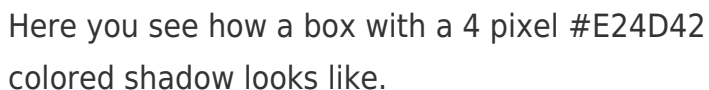
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E24D42 }
```

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

```
.border{ border-color:#E24D42 }
```

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



Here you see how a box with a 4 pixel #E24D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24D42; -webkit-box-shadow:4px 4px  
4px 4px #E24D42; box-shadow:4px 4px 4px  
4px #E24D42 }
```

Background

The CSS property to change the background color of an element to Hex E24D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24D42 }
```

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

```
.background{ background-color:#E24D42 }
```

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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