

# Converting Colors

Hex(E24343)

Have a look what the booklet for  
Hex(E24343) contains.

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# Color

Hex(E24343)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E24343
RGB	226, 67, 67
RGB Percent	89%, 26%, 26%
CMY	0.1137, 0.7373, 0.7373
CMYK	0.00, 0.70, 0.70, 0.11
HSL	0°, 73%, 57%
HSV	0°, 70%, 89%
XYZ	34.3843, 20.5883, 7.4719
YIQ	114.5410, 94.7640, 33.7080

# Conversions

## Conversions Part 2

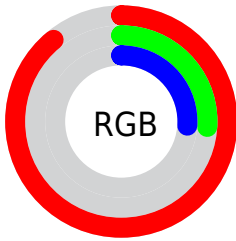
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 67, 67
Decimal	14828355
CIE <sub>Lab</sub>	52.50, 61.03, 36.21
CIE <sub>LCh</sub>	52, 70.964, 30.686
Yxy	20.5883, 0.5506, 0.3297
Android (android.graphics.Color)	4293018435 (0xFFE24343)
YUV	114.5410, -23.4377, 97.7495
Hunter-Lab	45.3743, 55.8607, 21.9986

# Details

The Hex color **E24343** 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 **43E2E2**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7D73**, and **A30017** is the 20% darker color. If you saturate the color by 10%, you get **E22C2C**, and if you desaturate by 10%, it is **E25A5A**.

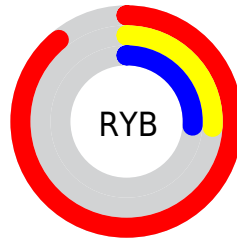
# Distribution



Red (89%)

Green (26%)

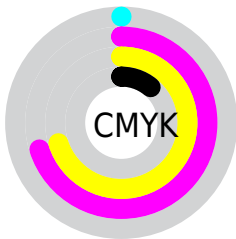
Blue (26%)



Red (89%)

Yellow (26%)

Blue (26%)

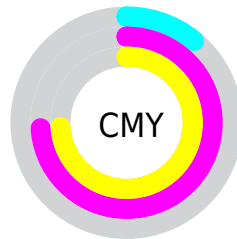


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24343 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 E24343 by changing the saturation by 10% instead.



 E24343

 E24343

FFFFFF

 C2222C

 FF7D73

 A30017

 FF998D

 840000

 FFB6A8

 650000

 FFD3C3

 480002

 FFF0DF

 2A0001

FFFFFFC

 000000

 E24343

 E24343

 E22C2C

 E25A5A

 E21616

 E27070

 E20000

 E28787

 E29D9D

 E2B4B4

 E2CBCB

 E2E1E1

 E2F8F8

 E2FFFF

# Harmonies

## Analogous

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



E5337F



E24343



C56200

# Triad

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



E24343



00943D



0085F8

# Complementary

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



E24343



43E2E2

# 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.



0092E8



E24343



00987D

# Square

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



E24343



598B00



0098BA



796CE7

# Rectangle

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



E24343



A77400



0098BA



008AF6



# Sweetspot

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



E24343



FFC9C9



E243E2



806060



000000



808080



# Same Dimension

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



E24343



FF2929



E29343



706565



B00000



300000



# Inverse Universe

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



43E2E2



29FFFF



4393E2



657070



00B0B0



003030



# Previews

## White Background



This preview shows how the Hex color E24343 looks on a white background.

## Color Contrast Check

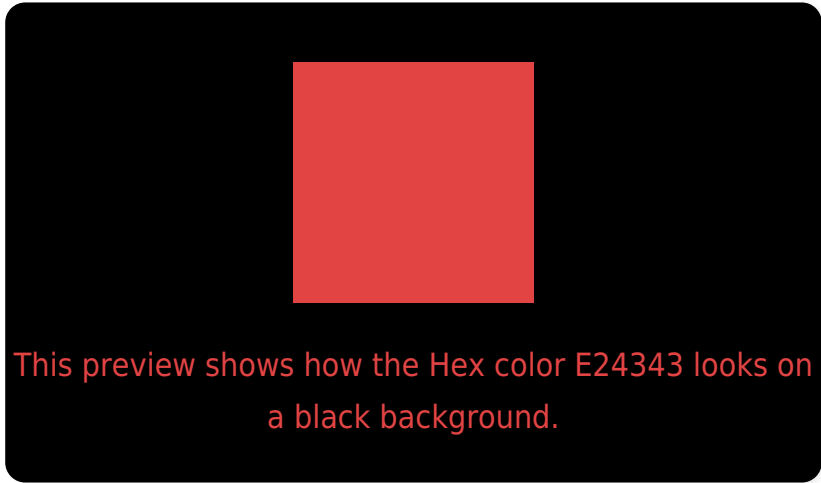
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24343 Background



This preview shows how black text looks on a background with the Hex color E24343.

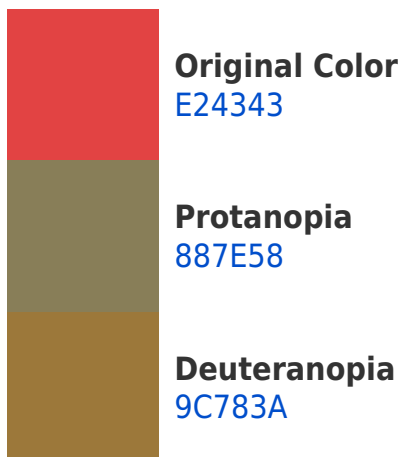


This preview shows how white text looks on a background with the Hex color E24343.

# Color Blindness Simulation

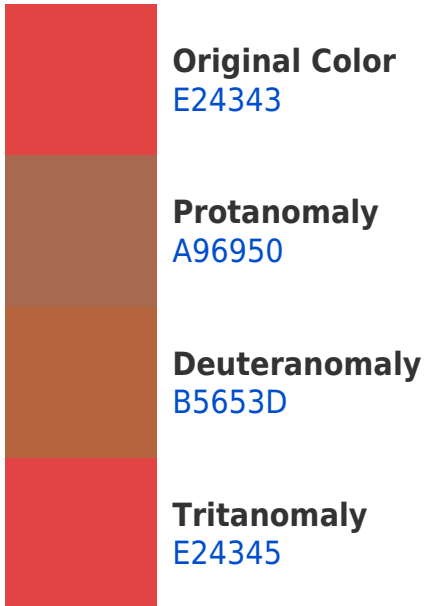
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

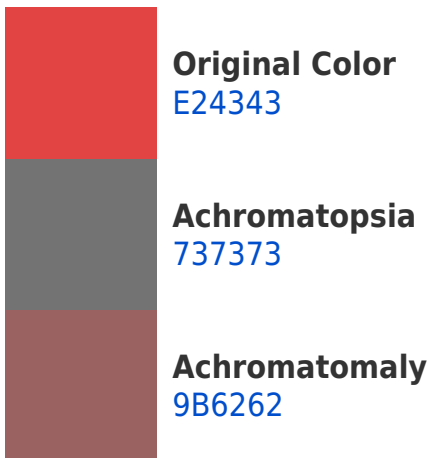




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24343 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 #E24343 looks like.

```
.text, #text, p{  
    color:#E24343  
}
```

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 #E24343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24343
}
```

## Border

The CSS property to change the border of an element to Hex E24343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

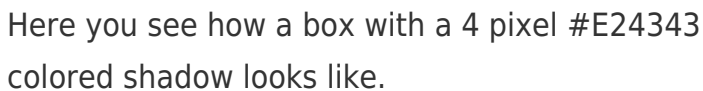
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E24343 }
```

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

```
.border{ border-color:#E24343 }
```

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



Here you see how a box with a 4 pixel #E24343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24343; -webkit-box-shadow:4px 4px  
4px 4px #E24343; box-shadow:4px 4px 4px  
4px #E24343 }
```

# Background

The CSS property to change the background color of an element to Hex E24343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24343 }
```

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

```
.background{ background-color:#E24343 }
```

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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