

# Converting Colors

Hex(E04B3F)

Have a look what the booklet for  
Hex(E04B3F) contains.

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# Color

Hex(E04B3F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04B3F
RGB	224, 75, 63
RGB Percent	88%, 29%, 25%
CMY	0.1216, 0.7059, 0.7529
CMYK	0.00, 0.67, 0.72, 0.12
HSL	4°, 72%, 56%
HSV	4°, 72%, 88%
XYZ	34.1538, 21.2383, 7.0019
YIQ	118.1830, 92.6560, 27.8560

# Conversions

## Conversions Part 2

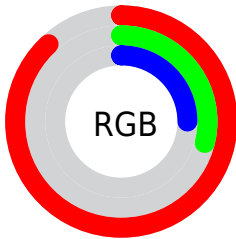
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 76, 63
Decimal	14699327
CIE <sub>Lab</sub>	53.21, 57.15, 39.20
CIE <sub>LCh</sub>	53, 69.305, 34.444
Yxy	21.2383, 0.5474, 0.3404
Android (android.graphics.Color)	4292889407 (0xFFE04B3F)
YUV	118.1830, -27.2052, 92.8015
Hunter-Lab	46.0851, 51.6379, 23.2513

# Details

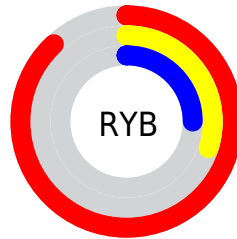
The Hex color **E04B3F** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3FD4E0**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF836F**, and **A10013** is the 20% darker color. If you saturate the color by 10%, you get **E03629**, and if you desaturate by 10%, it is **E06055**.

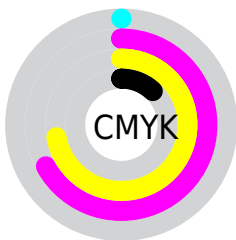
# Distribution



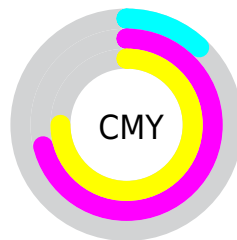
- Red (88%)
- Green (29%)
- Blue (25%)



- Red (88%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (72%)
- Black (12%)



- Cyan (12%)
- Magenta (71%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04B3F 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 E04B3F by changing the saturation by 10% instead.



 E04B3F

 E04B3F

FFFFFF

 C02D28

 FF836F

 A10013

 FF9F89

 830000

 FFBCA4

 640000

 FFD9BF

 460001

 FFF6DB

 290001

 FFFFF7

 000000

 E04B3F

 E04B3F

 E03629

 E06055

 E02212

 E0746C

 E01100

 E08982

 E09E99

 E0B3AF

 E0C7C5

 E0DCDC

 E0F1F2

 E0FFFF

# Harmonies

## Analogous

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



E73979



E04B3F



C16800

# Triad

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



E04B3F



009648



0084F7

# Complementary

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



E04B3F



3FD4E0

# 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.



0093EB



E04B3F



009987

# Square

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



E04B3F



538E00



0099C1



886BE2

# Rectangle

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



E04B3F



A37900



0099C1



008AF7



# Sweetspot

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



E04B3F



FFCBC7



E03FD5



80615E



000000



808080



# Same Dimension

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



E04B3F



FF3424



E09A3F



706665



B00D00



300400



# Inverse Universe

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



3FD4E0



24EFFF



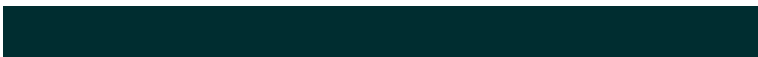
3F85E0



656F70



00A3B0



002D30



# Previews

## White Background



This preview shows how the Hex color E04B3F looks on a white background.

## Color Contrast Check

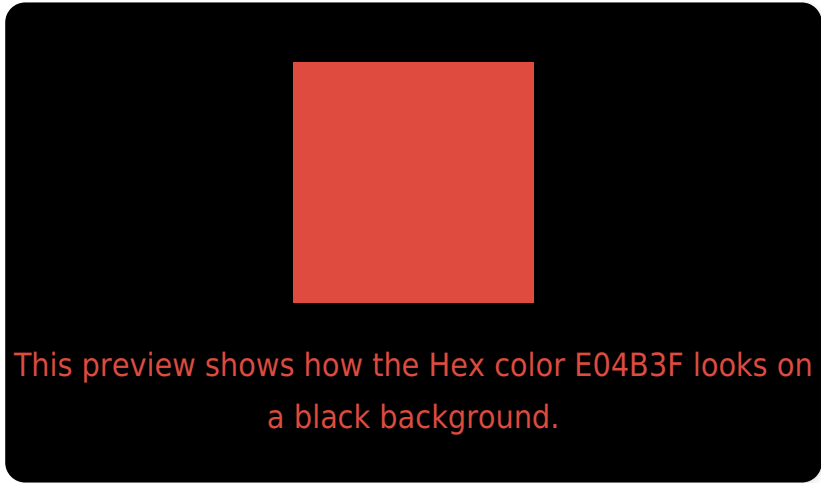
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04B3F Background



This preview shows how black text looks on a background with the Hex color E04B3F.

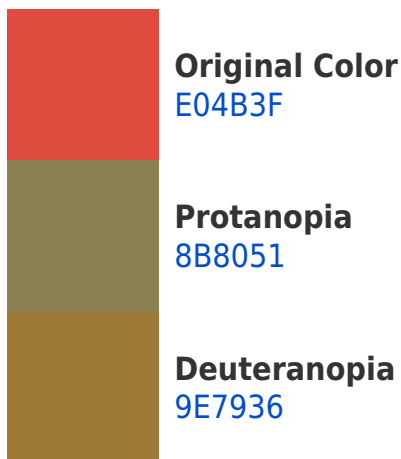



This preview shows how white text looks on a background with the Hex color E04B3F.

# 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





**Tritanopia**  
E1494D

# Trichromacy



**Original Color**  
E04B3F

**Protanomaly**  
AA6D4A

**Deuteranomaly**  
B66839

**Tritanomaly**  
E14A48

# Monochromacy



**Original Color**  
E04B3F

**Achromatopsia**  
767676

**Achromatomaly**  
9D6662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04B3F 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 #E04B3F looks like.

```
.text, #text, p{  
  color:#E04B3F  
}
```

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 #E04B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04B3F
}
```

## Border

The CSS property to change the border of an element to Hex E04B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

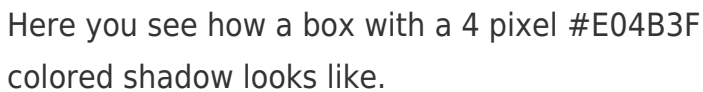
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E04B3F }
```

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

```
.border{ border-color:#E04B3F }
```

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



Here you see how a box with a 4 pixel #E04B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04B3F; -webkit-box-shadow:4px 4px  
4px 4px #E04B3F; box-shadow:4px 4px 4px  
4px #E04B3F }
```

# Background

The CSS property to change the background color of an element to Hex E04B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04B3F }
```

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

```
.background{ background-color:#E04B3F }
```

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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