

# Converting Colors

Hex(E04B44)

Have a look what the booklet for  
Hex(E04B44) contains.

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# Color

Hex(E04B44)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E04B44                     |
| RGB         | 224, 75, 68                |
| RGB Percent | 88%, 29%, 27%              |
| CMY         | 0.1216, 0.7059, 0.7333     |
| CMYK        | 0.00, 0.67, 0.70, 0.12     |
| HSL         | 3°, 72%, 57%               |
| HSV         | 3°, 70%, 88%               |
| XYZ         | 34.2999, 21.2968, 7.7717   |
| YIQ         | 118.7530, 91.0510, 29.4110 |

# Conversions

## Conversions Part 2

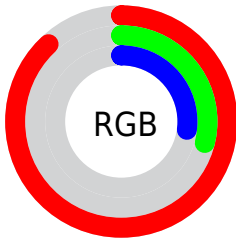
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 224, 75, 68                    |
| Decimal                             | 14699332                       |
| CIE <sub>Lab</sub>                  | 53.27, 57.39, 36.47            |
| CIE <sub>LCh</sub>                  | 53, 67.997, 32.439             |
| Yxy                                 | 21.2968, 0.5413,<br>0.3361     |
| Android<br>(android.graphics.Color) | 4292889412<br>(0xFFE04B44)     |
| YUV                                 | 118.7530, -25.0212,<br>92.3016 |
| Hunter-Lab                          | 46.1485, 51.9107,<br>22.3191   |

# Details

The Hex color **E04B44** 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 **44D9E0**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8375**, and **A10018** is the 20% darker color. If you saturate the color by 10%, you get **E0362E**, and if you desaturate by 10%, it is **E0605A**.

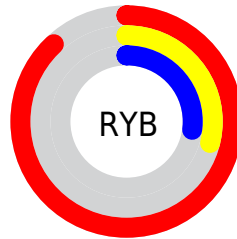
# Distribution



Red (88%)

Green (29%)

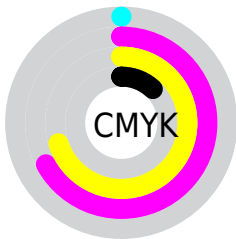
Blue (27%)



Red (88%)

Yellow (29%)

Blue (27%)

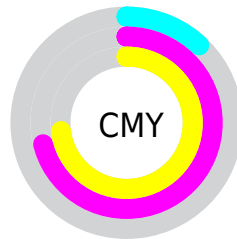


Cyan (0%)

Magenta (67%)

Yellow (70%)

Black (12%)



Cyan (12%)

Magenta (71%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04B44 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 E04B44 by changing the saturation by 10% instead.



 E04B44

 E04B44

FFFFFF

 C12D2D

 FF8375

 A10018

 FF9F8E

 830000

 FFBCA9

 640000

 FFD9C4

 470001

 FFF6E0

 290001

FFFFFFD

 000000

 E04B44

 E04B44

 E0362E

 E0605A

 E02017

 E07671

 E00B01

 E08B87

 E00A00

 E0A19E

 E0B6B4

 E0CBCA

 E0E1E1

 E0F6F7

 E0FFFF

# Harmonies

## Analogous

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



E43C7D



E04B44



C36705

# Triad

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



E04B44



009645



0085F5

# Complementary

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



E04B44



44D9E0

# 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.



0093E7



E04B44



009983

# Square

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



E04B44



598D00



0099BD



826DE3

# Rectangle

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



E04B44



A67700



0099BD



008BF4



# Sweetspot

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



E04B44



FFCC99



E044DB



806160



000000



808080



# Same Dimension

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



E04B44



FF3229



E09744



706565



B00800



300200



# Inverse Universe

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



44D9E0



29F5FF



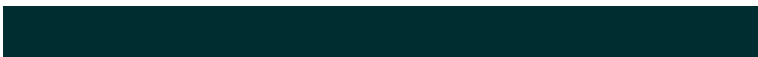
448DE0



657070



00A8B0



002E30



# Previews

## White Background



This preview shows how the Hex color E04B44 looks on a white background.

## Color Contrast Check

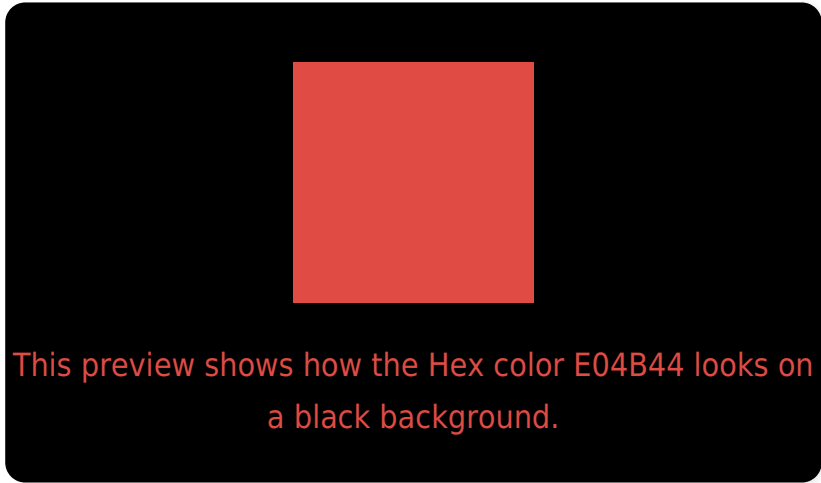
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04B44 Background



This preview shows how black text looks on a background with the Hex color E04B44.



This preview shows how white text looks on a background with the Hex color E04B44.

# 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**  
E04B44

**Protanopia**  
8A8057

**Deuteranopia**  
9E7A3B



**Tritanopia**  
E04A4E

# Trichromacy



**Original Color**  
E04B44

**Protanomaly**  
A96D50

**Deuteranomaly**  
B6693E

**Tritanomaly**  
E04A4A

# Monochromacy



**Original Color**  
E04B44

**Achromatopsia**  
777777

**Achromatomaly**  
9D6764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04B44 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 #E04B44 looks like.

```
.text, #text, p{  
    color:#E04B44  
}
```

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 #E04B44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04B44
}
```

## Border

The CSS property to change the border of an element to Hex E04B44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

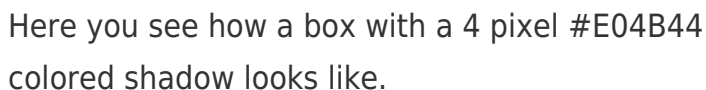
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E04B44 }
```

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

```
.border{ border-color:#E04B44 }
```

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



Here you see how a box with a 4 pixel #E04B44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04B44; -webkit-box-shadow:4px 4px  
4px 4px #E04B44; box-shadow:4px 4px 4px  
4px #E04B44 }
```

# Background

The CSS property to change the background color of an element to Hex E04B44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04B44 }
```

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

```
.background{ background-color:#E04B44 }
```

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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