

Converting Colors

Hex(E44151)

Have a look what the booklet for
Hex(E44151) contains.

Hex(E44151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E44151)

Conversions

Conversions Part 1

Format	Color
Hex	E44151
RGB	228, 65, 81
RGB Percent	89%, 25%, 32%
CMY	0.1059, 0.7451, 0.6824
CMYK	0.00, 0.71, 0.64, 0.11
HSL	354°, 75%, 57%
HSV	354°, 71%, 89%
XYZ	35.3704, 20.8687, 9.9484
YIQ	115.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

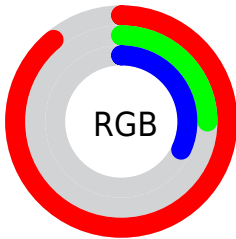
Format	Color
R_{YB}	228, 65, 81
Decimal	14958929
CIE _{Lab}	52.81, 63.07, 28.55
CIE _{LCh}	53, 69.228, 24.356
Yxy	20.8687, 0.5344, 0.3153
Android (android.graphics.Color)	4293149009 (0xFFE44151)
YUV	115.5610, -17.0386, 98.6090
Hunter-Lab	45.6822, 58.2634, 19.0657

Details

The Hex color **E44151** 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 **41E4D4**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7B82**, and **A50025** is the 20% darker color. If you saturate the color by 10%, you get **E42A3C**, and if you desaturate by 10%, it is **E45866**.

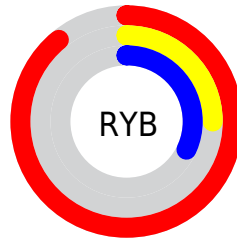
Distribution



Red (89%)

Green (25%)

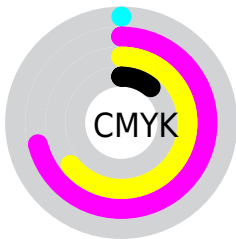
Blue (32%)



Red (89%)

Yellow (25%)

Blue (32%)

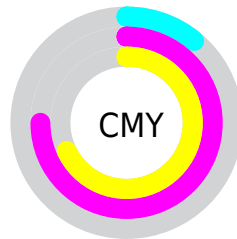


Cyan (0%)

Magenta (71%)

Yellow (64%)

Black (11%)



Cyan (11%)

Magenta (75%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color E44151 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 E44151 by changing the saturation by 10% instead.

 E44151

 E44151

FFFFFF

 C41E3A

 FF7B82

 A50025

 FF989C

 860011

 FFB5B7

 680000

 FFD2D3

 4A0002

 FFF0EF

 2C0001

 000000

 E44151

 E44151

 E42A3C

 E45866

 E41328

 E46F7A

 E40016

 E4858F

 E49CA3

 E4B3B8

 E4CACC

 E4E1E1

 E4F7F5

 E4FFFF

Harmonies

Analogous

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



E03A8C



E44151



CC5E17

Triad

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



E44151



009332



0089F5

Complementary

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



E44151



41E4D4

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.



0094DE



E44151



009871

Square

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



E44151



698900



0098AE



6173EC

Rectangle

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



E44151



B17000



0098AE



008EF1

Sweetspot

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



E44151



FFC9CF



D441E4



806063



000000



808080

Same Dimension

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



E44151



FF2439



E48241



736768



B30012



330005

Inverse Universe

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



E44151



FF2439



41A3E4



736768



B30012



330005

Previews

White Background



This preview shows how the Hex color E44151 looks on a white background.

Color Contrast Check

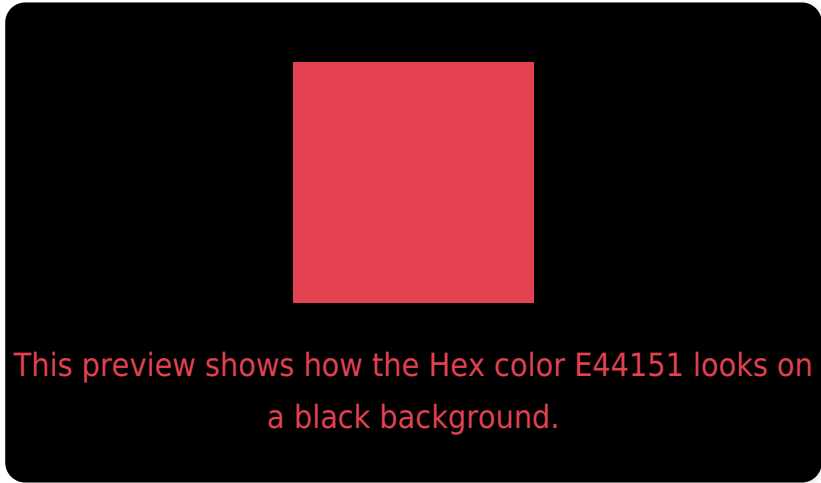
Large Text (above 18pt) WCAG AA ✓ Pass

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 E44151 Background



This preview shows how black text looks on a background with the Hex color E44151.



This preview shows how white text looks on a background with the Hex color E44151.

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
E44151

Protanopia
857E6A

Deuteranopia
9A7948



Tritanopia
E44346

Trichromacy



Original Color
E44151

Protanomaly
A86861

Deuteranomaly
B5654B

Tritanomaly
E4424A

Monochromacy



Original Color
E44151

Achromatopsia
747474

Achromatomaly
9D6167

CSS Examples

Text

The CSS property to change the color of the text to Hex E44151 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 #E44151 looks like.

```
.text, #text, p{  
    color:#E44151  
}
```

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 #E44151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E44151
}
```

Border

The CSS property to change the border of an element to Hex E44151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

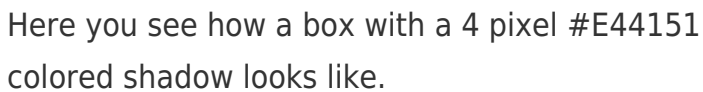
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E44151 }
```

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

```
.border{ border-color:#E44151 }
```

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



Here you see how a box with a 4 pixel #E44151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E44151; -webkit-box-shadow:4px 4px  
4px 4px #E44151; box-shadow:4px 4px 4px  
4px #E44151 }
```

Background

The CSS property to change the background color of an element to Hex E44151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E44151 }
```

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

```
.background{ background-color:#E44151 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor