

Converting Colors

Hex(E8374E)

Have a look what the booklet for
Hex(E8374E) contains.

Hex(E8374E)	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(E8374E)

Conversions

Conversions Part 1

Format	Color
Hex	E8374E
RGB	232, 55, 78
RGB Percent	91%, 22%, 31%
CMY	0.0902, 0.7843, 0.6941
CMYK	0.00, 0.76, 0.66, 0.09
HSL	352°, 79%, 56%
HSV	352°, 76%, 91%
XYZ	36.0200, 20.4382, 9.2542
YIQ	110.5450, 98.1090, 44.6770

Conversions

Conversions Part 2

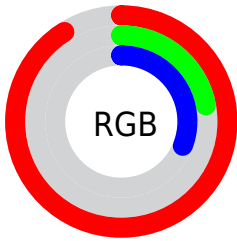
Format	Color
R_{YB}	232, 55, 78
Decimal	15218510
CIE _{Lab}	52.33, 67.31, 29.87
CIE _{LCh}	52, 73.641, 23.934
Yxy	20.4382, 0.5481, 0.3110
Android (android.graphics.Color)	4293408590 (0xFFE8374E)
YUV	110.5450, -16.0447, 106.5160
Hunter-Lab	45.2087, 63.1048, 19.5094

Details

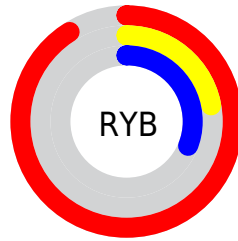
The Hex color **E8374E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **37E8D1**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF747F**, and **A90022** is the 20% darker color. If you saturate the color by 10%, you get **E8203A**, and if you desaturate by 10%, it is **E84E62**.

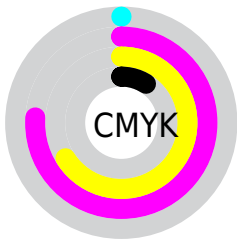
Distribution



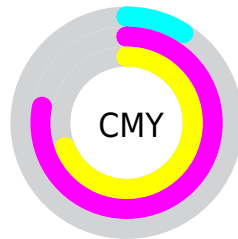
- Red (91%)
- Green (22%)
- Blue (31%)



- Red (91%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8374E 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 E8374E by changing the saturation by 10% instead.

 E8374E

 E8374E

FFFFFF

 C80637

 FF747F

 A90022

 FF9199

 89000E

 FFAFB4

 6A0000

 FFCCCF

 4C0003

 FFEAEB

 2E0002

 000000

 E8374E

 E8374E

 E8203A

 E84E62

 E80926

 E86576

 E8001E

 E87D8B

 E8949F

 E8ABB3

 E8C2C7

 E8D9DB

 E8F1EF

 E8FFFF

Harmonies

Analogous

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



E42F8D



E8374E



CF590A

Triad

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



E8374E



00932A



0089FC

Complementary

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



E8374E



37E8D1

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.



0094E3



E8374E



00976E

Square

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



E8374E



668800



0098AF



5872F2

Rectangle

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



E8374E



B36D00



0098AF



008EF7

Sweetspot

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



E8374E



FFC4CC



D037E8



805C60



000000



808080

Same Dimension

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



E8374E



FF1433



E87837



736769



B30017



330007

Inverse Universe

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



E8374E



FF1433



37A7E8



736769



B30017



330007

Previews

White Background



This preview shows how the Hex color E8374E looks on a white background.

Color Contrast Check

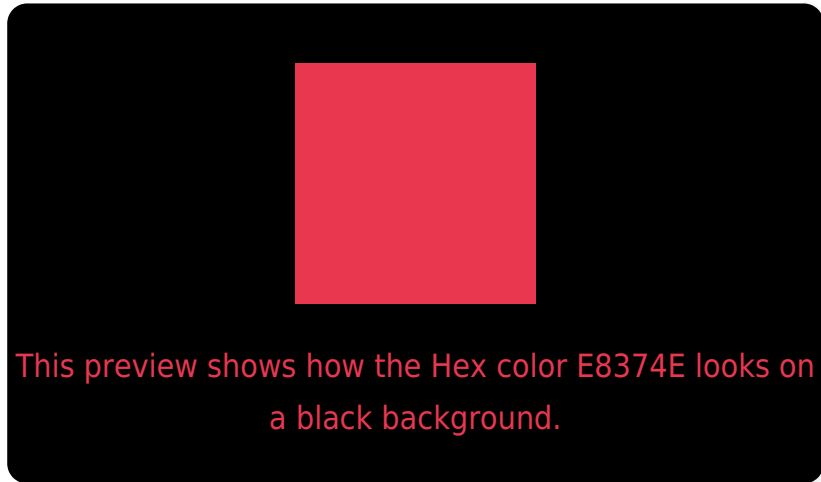
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8374E Background



This preview shows how black text looks on a background with the Hex color E8374E.



This preview shows how white text looks on a background with the Hex color E8374E.

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
E8374E

Protanopia
847D6A

Deuteranopia
997845



Tritanopia
E73A3C

Trichromacy



Original Color
E8374E

Protanomaly
A86460

Deuteranomaly
B66048

Tritanomaly
E73943

Monochromacy



Original Color
E8374E

Achromatopsia
6F6F6F

Achromatomaly
9B5B63

CSS Examples

Text

The CSS property to change the color of the text to Hex E8374E 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 #E8374E looks like.

```
.text, #text, p{  
    color:#E8374E  
}
```

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 #E8374E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8374E
}
```

Border

The CSS property to change the border of an element to Hex E8374E is called "border". The border property can be set on classes, ids or directly on the HTML element.

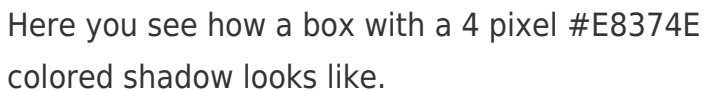
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8374E }
```

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

```
.border{ border-color:#E8374E }
```

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



Here you see how a box with a 4 pixel #E8374E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8374E; -webkit-box-shadow:4px 4px  
4px 4px #E8374E; box-shadow:4px 4px 4px  
4px #E8374E }
```

Background

The CSS property to change the background color of an element to Hex E8374E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8374E }
```

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

```
.background{ background-color:#E8374E }
```

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