

# Converting Colors

Hex(E34442)

Have a look what the booklet for  
Hex(E34442) contains.

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**Color**

**Hex(E34442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E34442
RGB	227, 68, 66
RGB Percent	89%, 27%, 26%
CMY	0.1098, 0.7333, 0.7412
CMYK	0.00, 0.70, 0.71, 0.11
HSL	1°, 74%, 57%
HSV	1°, 71%, 89%
XYZ	34.7290, 20.8585, 7.3499
YIQ	115.3130, 95.4060, 33.0860

# Conversions

## Conversions Part 2

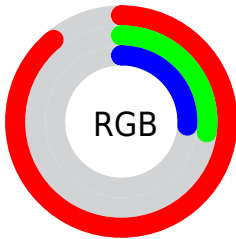
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 68, 66</a>
Decimal	<a href="#">14894146</a>
CIELab	<a href="#">52.79, 60.93, 37.18</a>
CIElCh	<a href="#">53, 71.375, 31.391</a>
Yxy	<a href="#">20.8585, 0.5518, 0.3314</a>
Android (android.graphics.Color)	<a href="#">4293084226</a> (0xFFE34442)
YUV	<a href="#">115.3130, -24.3113, 97.9495</a>
Hunter-Lab	<a href="#">45.6711, 55.8099, 22.4281</a>

# Details

The Hex color **E34442** 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 **42E1E3**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7D72**, and **A40016** is the 20% darker color. If you saturate the color by 10%, you get **E32E2B**, and if you desaturate by 10%, it is **E35A59**.

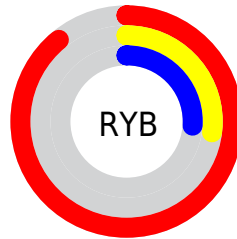
# Distribution



Red (89%)

Green (27%)

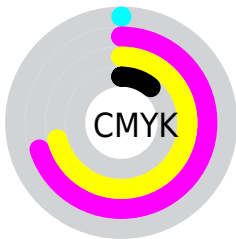
Blue (26%)



Red (89%)

Yellow (27%)

Blue (26%)

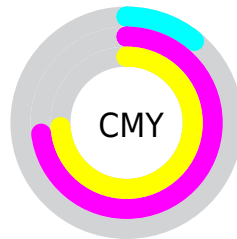


Cyan (0%)

Magenta (70%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34442 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 E34442 by changing the saturation by 10% instead.



 E34442

 E34442

FFFFFF

 C3232B

 FF7D72

 A40016

 FF9A8C

 850000

 FFB7A7

 660000

 FFD4C2

 480002

 FFF1DE

 2A0001

 FFFFFA

 000000

 E34442

 E34442

 E32E2B

 E35A59

 E31715

 E3716F

 E30300

 E38786

 E39E9D

 E3B4B3

 E3CBCA

 E3E1E1

 E3F7F8

 E3FFFF

# Harmonies

## Analogous

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



E7337E



E34442



C56300

# Triad

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



E34442



00953F



0085FA

# Complementary

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



E34442



42E1E3

# 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.



0093EA



E34442



00997F

# Square

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



E34442



578C00



0099BD



7C6CE8

# Rectangle

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



E34442



A77500



0099BD



008BF8



# Sweetspot

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



E34442



FFCAC9



E342E3



806060



000000



808080



# Same Dimension

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



E34442



FF2926



E39342



736767



B30200



330100



# Inverse Universe

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



42E1E3



26FCFF



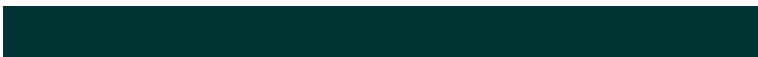
4293E3



677373



00B0B3



003233



# Previews

## White Background



This preview shows how the Hex color E34442 looks on a white background.

## Color Contrast Check

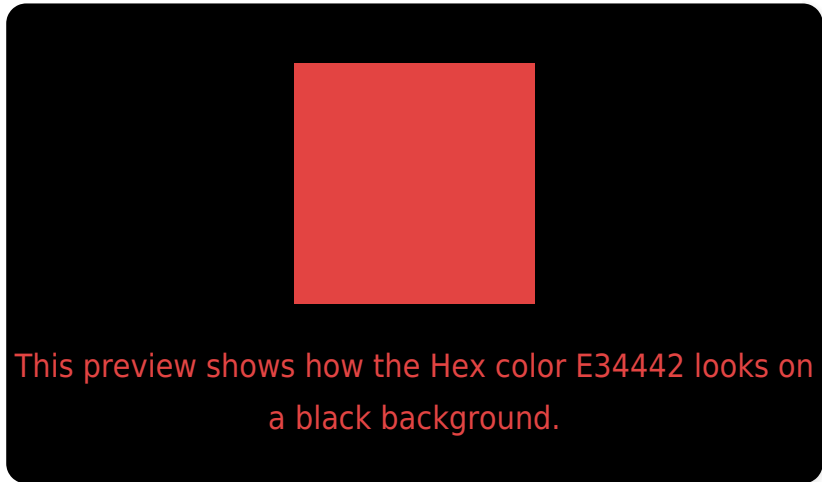
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34442 Background



This preview shows how black text looks on a background with the Hex color E34442.



This preview shows how white text looks on a background with the Hex color E34442.

# 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**  
E34442

**Protanopia**  
897E57

**Deuteranopia**  
9D7839



**Tritanopia**  
E34346

# Trichromacy



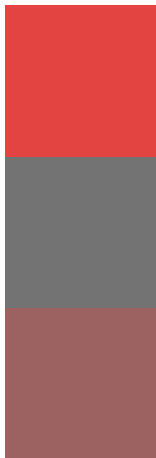
**Original Color**  
E34442

**Protanomaly**  
AA694F

**Deuteranomaly**  
B6653C

**Tritanomaly**  
E34345

# Monochromacy



**Original Color**  
E34442

**Achromatopsia**  
737373

**Achromatomaly**  
9C6261

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34442 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 #E34442 looks like.

```
.text, #text, p{  
    color:#E34442  
}
```

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 #E34442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34442
}
```

## Border

The CSS property to change the border of an element to Hex E34442 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
#E34442 }
```

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

```
.border{ border-color:#E34442 }
```

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

Here you see how a box with a 4 pixel #E34442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34442; -webkit-box-shadow:4px 4px  
4px 4px #E34442; box-shadow:4px 4px 4px  
4px #E34442 }
```

# Background

The CSS property to change the background color of an element to Hex E34442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34442 }
```

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

```
.background{ background-color:#E34442 }
```

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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