

Converting Colors

Hex(E3634A)

Have a look what the booklet for
Hex(E3634A) contains.

Hex(E3634A)	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(E3634A)

Conversions

Conversions Part 1

Format	Color
Hex	E3634A
RGB	227, 99, 74
RGB Percent	89%, 39%, 29%
CMY	0.1098, 0.6118, 0.7098
CMYK	0.00, 0.56, 0.67, 0.11
HSL	10°, 73%, 59%
HSV	10°, 67%, 89%
XYZ	37.3764, 25.7490, 9.4787
YIQ	134.4220, 84.3130, 19.3610

Conversions

Conversions Part 2

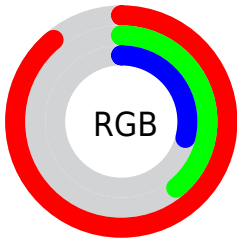
Format	Color
R _Y B	227, 104, 74
Decimal	14902090
CIE Lab	57.80, 48.22, 38.60
CIE LCh	58, 61.767, 38.675
Yxy	25.7490, 0.5148, 0.3546
Android (android.graphics.Color)	4293092170 (0xFFE3634A)
YUV	134.4220, -29.7880, 81.1909
Hunter-Lab	50.7435, 42.6778, 24.4453

Details

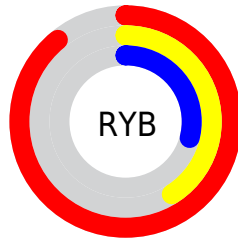
The Hex color **E3634A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **4ACAE3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF997C**, and **A52D1C** is the 20% darker color. If you saturate the color by 10%, you get **E35033**, and if you desaturate by 10%, it is **E37661**.

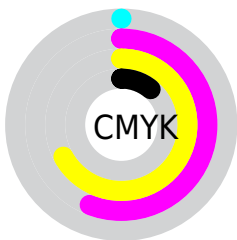
Distribution



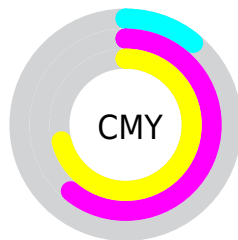
- Red (89%)
- Green (39%)
- Blue (29%)



- Red (89%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (11%)



- Cyan (11%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3634A 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 E3634A by changing the saturation by 10% instead.

 E3634A

 E3634A

FFFFFF

 C44833

 FF997C

 A52D1C

 FFB596

 870A05

 FFD2B0

 690000

 FFEFCC

 4B0000

 FFFFEE

 310002

 000000

 E3634A

 E3634A

 E35033

 E37661

 E33D1D

 E38977

 E32A06

 E39C8E

 E32500

 E3AFA5

 E3C2BC

 E3D5D2

 E3E8E9

 E3FBFF

 E3FFFF

Harmonies

Analogous

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



EC557D



E3634A



C47A1E

Triad

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



E3634A



00A261



228CF6

Complementary

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



E3634A



4ACAE3

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.



009BEF



E3634A



00A49A

Square

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



E3634A



5D9A2E



00A3CD



A175E0

Rectangle

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



E3634A



A78806



00A3CD



0092F7

Sweetspot

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



E3634A



FFD4CC



E34ACC



806661



000000



808080

Same Dimension

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



E3634A



FF5230



E3AD4A



736967



B31D00



330800

Inverse Universe

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



4ACAE3



30DDFF



4A80E3



677173



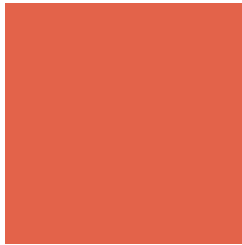
0095B3



002B33

Previews

White Background



This preview shows how the Hex color E3634A 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 E3634A Background



This preview shows how black text looks on a background with the Hex color E3634A.



This preview shows how white text looks on a background with the Hex color E3634A.

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](#).

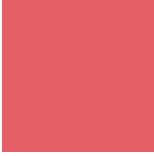
Dichromacy



Original Color
E3634A

Protanopia
988B58

Deuteranopia
AC8543



Tritanopia
E45F66

Trichromacy



Original Color
E3634A

Protanomaly
B37C53

Deuteranomaly
C07946

Tritanomaly
E4605C

Monochromacy



Original Color
E3634A

Achromatopsia
868686

Achromatomaly
A87970

CSS Examples

Text

The CSS property to change the color of the text to Hex E3634A 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 #E3634A looks like.

```
.text, #text, p{  
    color:#E3634A  
}
```

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 #E3634A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3634A
}
```

Border

The CSS property to change the border of an element to Hex E3634A 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
#E3634A }
```

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

```
.border{ border-color:#E3634A }
```

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

Here you see how a box with a 4 pixel #E3634A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3634A; -webkit-box-shadow:4px 4px  
4px 4px #E3634A; box-shadow:4px 4px 4px  
4px #E3634A }
```

Background

The CSS property to change the background color of an element to Hex E3634A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3634A }
```

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

```
.background{ background-color:#E3634A }
```

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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