

Converting Colors

Hex(EC594E)

Have a look what the booklet for
Hex(EC594E) contains.

Hex(EC594E)	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(**EC594E**)

Conversions

Conversions Part 1

Format	Color
Hex	EC594E
RGB	236, 89, 78
RGB Percent	93%, 35%, 31%
CMY	0.0745, 0.6510, 0.6941
CMYK	0.00, 0.62, 0.67, 0.07
HSL	4°, 81%, 62%
HSV	4°, 67%, 93%
XYZ	39.5396, 25.5277, 10.0511
YIQ	131.6990, 91.1430, 27.7430

Conversions

Conversions Part 2

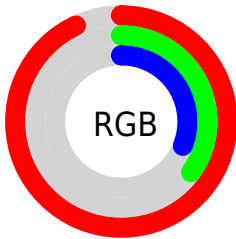
Format	Color
R _Y B	236, 90, 78
Decimal	15489358
CIE Lab	57.59, 56.07, 36.48
CIE LCh	58, 66.895, 33.051
Yxy	25.5277, 0.5264, 0.3398
Android (android.graphics.Color)	4293679438 (0xFFEC594E)
YUV	131.6990, -26.4736, 91.4720
Hunter-Lab	50.5249, 51.2712, 23.5727

Details

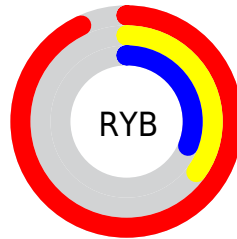
The Hex color **EC594E** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4EE1EC**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9180**, and **AD1C21** is the 20% darker color. If you saturate the color by 10%, you get **EC4336**, and if you desaturate by 10%, it is **EC6F66**.

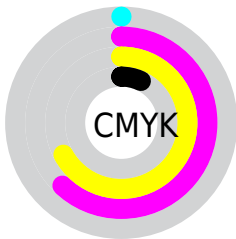
Distribution



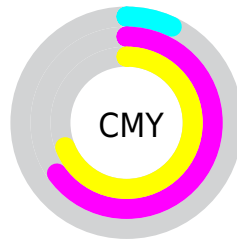
- Red (93%)
- Green (35%)
- Blue (31%)



- Red (93%)
- Yellow (35%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC594E 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 EC594E by changing the saturation by 10% instead.

 EC594E

 EC594E

FFFFFF

 CC3D37

 FF9180

 AD1C21

 FFAD9A

 8E000C

 FFC9B5

 700000

 FFE7D0

 520000

 FFFFED

 360002

 070000

 000000

 EC594E

 EC594E

 EC4336

 EC6F66

 EC2D1F

 EC857D

 EC1707

 EC9B95

 EC1000

 ECB1AC

 ECC7C4

 ECDDDC

 ECF3F3

 ECFFFF

Harmonies

Analogous

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



F04C87



EC594E



CF7319

Triad

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



EC594E



00A152



0090FF

Complementary

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



EC594E



4EE1EC

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.



009EF2



EC594E



00A58F

Square

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



EC594E



649917



00A4C9



9178ED

Rectangle

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



EC594E



B18300



00A4C9



0095FF

Sweetspot

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



EC594E



FFD0CC



EC4EE1



806361



000000



808080

Same Dimension

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



EC594E



FF4133



ECA84E



756A6A



B50D00



360400

Inverse Universe

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



4EE1EC



33F1FF



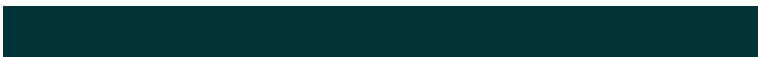
4E92EC



6A7475



00A8B5



003236

Previews

White Background



This preview shows how the Hex color EC594E looks on a white background.

Color Contrast Check

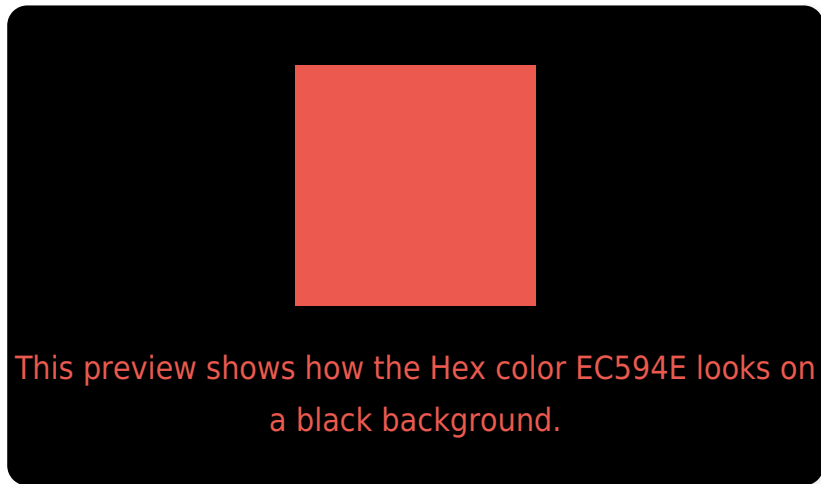
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC594E Background



This preview shows how black text looks on a background with the Hex color EC594E.



This preview shows how white text looks on a background with the Hex color EC594E.

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
EC594E

Protanopia
968B61

Deuteranopia
AB8446

Trichromacy



Original Color
EC594E

Protanomaly
B5795A

Deuteranomaly
C37449

Tritanomaly
ED5857

Monochromacy



Original Color
EC594E

Achromatopsia
848484

Achromatomaly
AA7470

CSS Examples

Text

The CSS property to change the color of the text to Hex EC594E 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 #EC594E looks like.

```
.text, #text, p{  
    color:#EC594E  
}
```

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 #EC594E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC594E
}
```

Border

The CSS property to change the border of an element to Hex EC594E 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
#EC594E }
```

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

```
.border{ border-color:#EC594E }
```

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

Here you see how a box with a 4 pixel #EC594E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC594E; -webkit-box-shadow:4px 4px  
4px 4px #EC594E; box-shadow:4px 4px 4px  
4px #EC594E }
```

Background

The CSS property to change the background color of an element to Hex EC594E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC594E }
```

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

```
.background{ background-color:#EC594E }
```

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