

# Converting Colors

Hex(E8594A)

Have a look what the booklet for  
Hex(E8594A) contains.

<b>Hex(E8594A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E8594A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8594A
RGB	232, 89, 74
RGB Percent	91%, 35%, 29%
CMY	0.0902, 0.6510, 0.7098
CMYK	0.00, 0.62, 0.68, 0.09
HSL	6°, 77%, 60%
HSV	6°, 68%, 91%
XYZ	38.0871, 24.7950, 9.2571
YIQ	130.0470, 90.0430, 25.6510

# Conversions

## Conversions Part 2

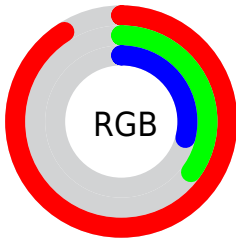
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 91, 74
Decimal	15227210
CIE <sub>Lab</sub>	56.88, 54.51, 37.70
CIE <sub>LCh</sub>	57, 66.276, 34.673
Yxy	24.7950, 0.5280, 0.3437
Android (android.graphics.Color)	4293417290 (0xFFE8594A)
YUV	130.0470, -27.6312, 89.4128
Hunter-Lab	49.7946, 49.3916, 23.8339

# Details

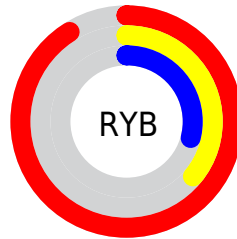
The Hex color **E8594A** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4AD9E8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF907B**, and **A91D1D** is the 20% darker color. If you saturate the color by 10%, you get **E84433**, and if you desaturate by 10%, it is **E86E61**.

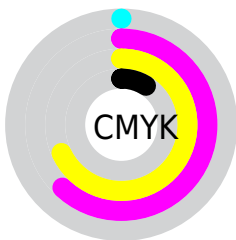
# Distribution



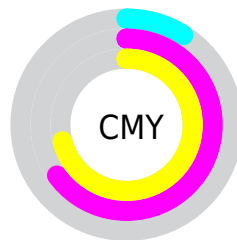
- Red (91%)
- Green (35%)
- Blue (29%)



- Red (91%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8594A 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 E8594A by changing the saturation by 10% instead.



 E8594A

 E8594A

FFFFFF

 C93D33

 FF907B

 A91D1D

 FFAC95

 8B0006

 FFC9B0

 6C0000

 FFE6CC

 4E0000

 FFFFEE

 330002

 000000

 E8594A

 E8594A

 E84433

 E86E61

 E82F1C

 E88378

 E81A04

 E89890

 E81600

 E8ADA7

 E8C2BE

 E8D7D5

 E8ECEC

 E8FFFF

# Harmonies

## Analogous

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



EE4B82



E8594A



CA7315

# Triad

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



E8594A



00A054



008DFC

# Complementary

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



E8594A



4AD9E8

# 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.



009BF1



E8594A



00A390

# Square

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



E8594A



5F971A



00A2C9



9475E8

# Rectangle

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



E8594A



AC8200



00A2C9



0093FC



# Sweetspot

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



E8594A



FFD1CC



E84ADB



806461



000000



808080



# Same Dimension

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



E8594A



FF422E



E8A64A



736867



B31100



330500



# Inverse Universe

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



4AD9E8



2EEBFF



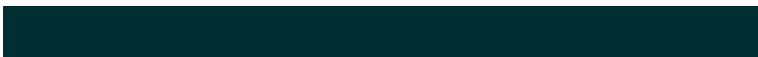
4A8CE8



677273



00A2B3



002E33



# Previews

## White Background



This preview shows how the Hex color E8594A looks on a white background.

## Color Contrast Check

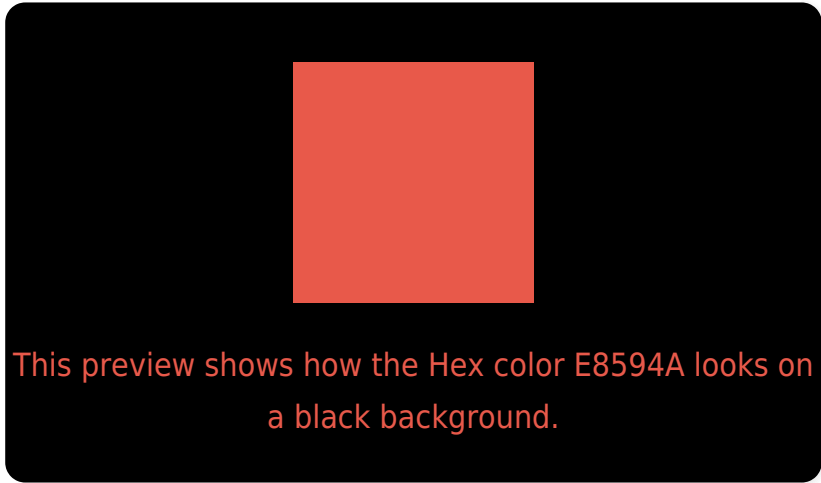
Large Text (above 18pt) WCAG AA ✓ Pass

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 E8594A Background



This preview shows how black text looks on a background with the Hex color E8594A.

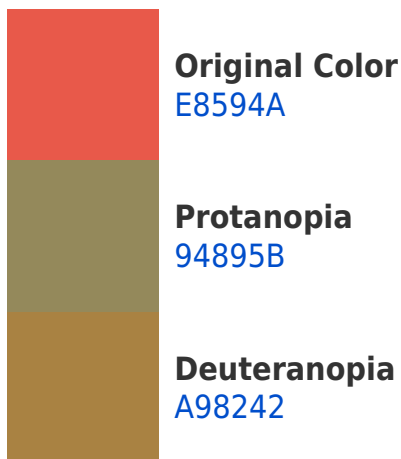


This preview shows how white text looks on a background with the Hex color E8594A.

# 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





**Tritanopia**  
E9575C

# Trichromacy



**Original Color**  
E8594A

**Protanomaly**  
B37855

**Deuteranomaly**  
C07345

**Tritanomaly**  
E95855

# Monochromacy



**Original Color**  
E8594A

**Achromatopsia**  
828282

**Achromatomaly**  
A7736E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8594A 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 #E8594A looks like.

```
.text, #text, p{  
  color:#E8594A  
}
```

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 #E8594A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8594A
}
```

## Border

The CSS property to change the border of an element to Hex E8594A is called "border". The border property can be set on classes, ids or directly on the HTML element.

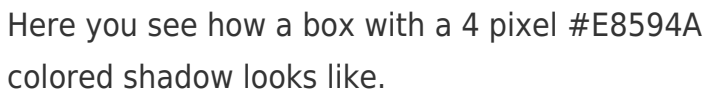
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8594A }
```

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

```
.border{ border-color:#E8594A }
```

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



Here you see how a box with a 4 pixel #E8594A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8594A; -webkit-box-shadow:4px 4px  
4px 4px #E8594A; box-shadow:4px 4px 4px  
4px #E8594A }
```

# Background

The CSS property to change the background color of an element to Hex E8594A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8594A }
```

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

```
.background{ background-color:#E8594A }
```

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