

# Converting Colors

Hex(E94656)

Have a look what the booklet for  
Hex(E94656) contains.

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# Color

**Hex(E94656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E94656
RGB	233, 70, 86
RGB Percent	91%, 27%, 34%
CMY	0.0863, 0.7255, 0.6627
CMYK	0.00, 0.70, 0.63, 0.09
HSL	354°, 79%, 59%
HSV	354°, 70%, 91%
XYZ	37.4741, 22.3758, 11.1480
YIQ	120.5610, 92.0120, 39.5320

# Conversions

## Conversions Part 2

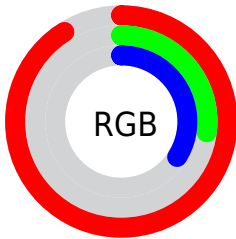
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 70, 86
Decimal	15287894
CIE <sub>Lab</sub>	54.42, 63.09, 27.86
CIE <sub>LCh</sub>	54, 68.962, 23.824
Yxy	22.3758, 0.5278, 0.3152
Android (android.graphics.Color)	4293477974 (0xFFE94656)
YUV	120.5610, -17.0386, 98.6090
Hunter-Lab	47.3031, 58.6296, 19.1393

# Details

The Hex color **E94656** 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 **46E9D9**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8088**, and **AA0029** is the 20% darker color. If you saturate the color by 10%, you get **E92F41**, and if you desaturate by 10%, it is **E95D6B**.

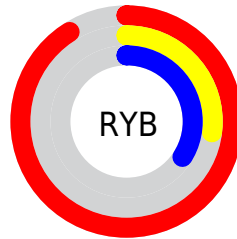
# Distribution



Red (91%)

Green (27%)

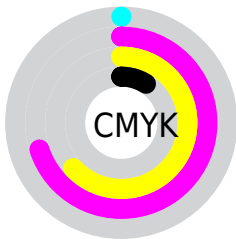
Blue (34%)



Red (91%)

Yellow (27%)

Blue (34%)

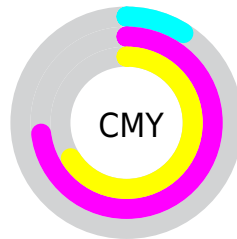


Cyan (0%)

Magenta (70%)

Yellow (63%)

Black (9%)



Cyan (9%)

Magenta (73%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E94656 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 E94656 by changing the saturation by 10% instead.



 E94656

 E94656

FFFFFF

 C9253F

 FF8088

 AA0029

 FF9DA2

 8B0015

 FFBABD

 6D0000

 FFD7D9

 4F0002

 FFF4F5

 310002

 000000

 E94656

 E94656

 E92F41

 E95D6B

 E9172C

 E97580

 E90017

 E98C95

 E9A3AA

 E9BBBF

 E9D2D4

 E9E9E9

 E9FFFE

 E9FFFF

# Harmonies

## Analogous

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



E54191



E94656



D2611D

# Triad

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



E94656



009736



008DFA

# Complementary

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



E94656



46E9D9

# 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.



0099E2



E94656



009C73

# Square

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



E94656



6F8D00



009DB1



6478F0

# Rectangle

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



E94656



B77300



009DB1



0092F5



# Sweetspot

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



E94656



FFC9CF



D946E9



806063



000000



808080



# Same Dimension

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



E94656



FF293E



E98746



756A6B



B50012



360005



# Inverse Universe

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



E94656



FF293E



46A8E9



756A6B



B50012



360005



# Previews

## White Background



This preview shows how the Hex color E94656 looks on a white background.

## Color Contrast Check

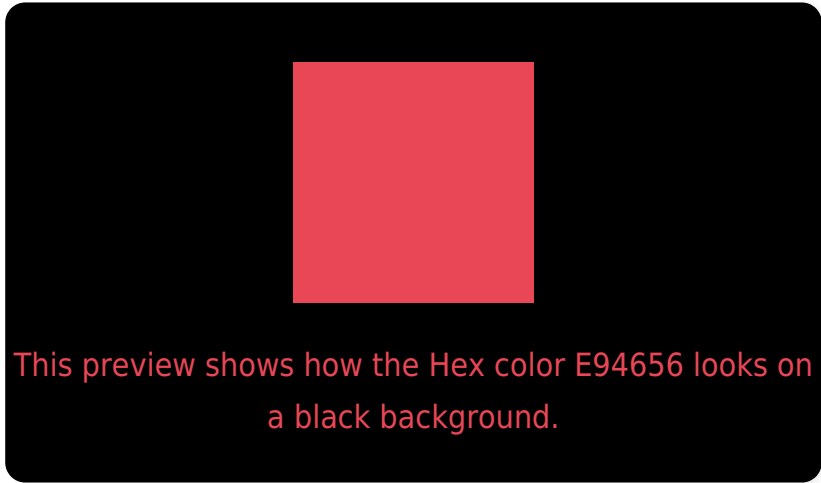
Large Text (above 18pt) WCAG AA ✓ Pass

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 E94656 Background



This preview shows how black text looks on a background with the Hex color E94656.

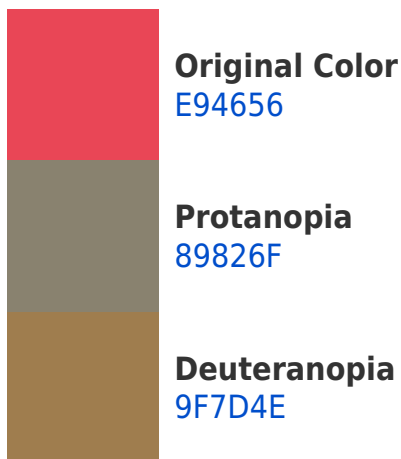


This preview shows how white text looks on a background with the Hex color E94656.

# 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**  
E9484B

# Trichromacy



**Original Color**  
E94656

**Protanomaly**  
AC6C66

**Deuteranomaly**  
BA6951

**Tritanomaly**  
E9474F

# Monochromacy



**Original Color**  
E94656

**Achromatopsia**  
797979

**Achromatomaly**  
A2666C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E94656 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 #E94656 looks like.

```
.text, #text, p{  
    color:#E94656  
}
```

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 #E94656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94656
}
```

## Border

The CSS property to change the border of an element to Hex E94656 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".

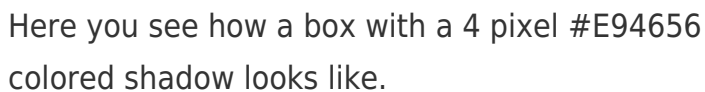
```
.border, #border, table{ border:4px solid
#E94656 }
```

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

```
.border{ border-color:#E94656 }
```

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

Here you see how a box with a 4 pixel #E94656 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94656; -webkit-box-shadow:4px 4px  
4px 4px #E94656; box-shadow:4px 4px 4px  
4px #E94656 }
```

# Background

The CSS property to change the background color of an element to Hex E94656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94656 }
```

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

```
.background{ background-color:#E94656 }
```

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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