

Converting Colors

Hex(E94A16)

Have a look what the booklet for
Hex(E94A16) contains.

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Color

Hex(E94A16)

Conversions

Conversions Part 1

Format	Color
Hex	E94A16
RGB	233, 74, 22
RGB Percent	91%, 29%, 9%
CMY	0.0863, 0.7098, 0.9137
CMYK	0.00, 0.68, 0.91, 0.09
HSL	15°, 83%, 50%
HSV	15°, 91%, 91%
XYZ	36.1979, 22.2791, 3.1515
YIQ	115.6130, 111.4560, 17.5360

Conversions

Conversions Part 2

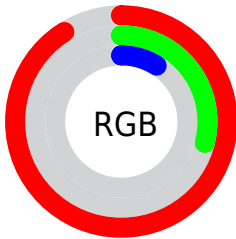
Format	Color
R_{YB}	233, 91, 22
Decimal	15288854
CIE _{Lab}	54.32, 59.31, 59.84
CIE _{LCh}	54, 84.253, 45.252
Yxy	22.2791, 0.5874, 0.3615
Android (android.graphics.Color)	4293478934 (0xFFE94A16)
YUV	115.6130, -46.1512, 102.9484
Hunter-Lab	47.2008, 54.2888, 29.0818

Details

The Hex color **E94A16** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **16B5E9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF834A**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **E93900**, and if you desaturate by 10%, it is **E95C2D**.

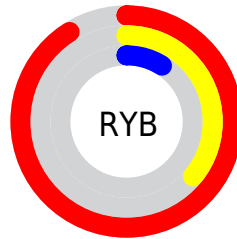
Distribution



Red (91%)

Green (29%)

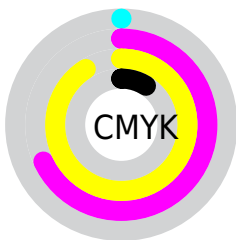
Blue (9%)



Red (91%)

Yellow (36%)

Blue (9%)

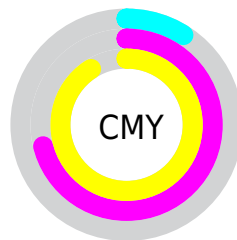


Cyan (0%)

Magenta (68%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E94A16 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 E94A16 by changing the saturation by 10% instead.

 E94A16

 E94A16

FFFFFF

 C82B00

 FF834A

 A80000

 FF9F64

 880000

 FFBB7E

 690000

 FFD899

 4B0001

 FFF6B4

 2E0002

 FFFFD0

 000000

 FFFFED

 E94A16

 E94A16

 E93900

 E95C2D

 E96D45

 E97F5C

 E99073

 E9A28B

 E9B3A2

 E9C5B9

 E9D6D0

 E9E8E8

Harmonies

Analogous

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



FE0F61



E94A16



BB7100

Triad

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



E94A16



009E5A



007FFF

Complementary

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



E94A16



16B5E9

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.



0095FF



E94A16



00A1A6

Square

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



E94A16



009800



009FE9



B059EA

Rectangle

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



E94A16



928300



009FE9



0088FF

Sweetspot

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



E94A16



FFCBBA



E916B8



806157



000000



808080

Same Dimension

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



E94A16



FF3F00



E9B116



756C6A



B52D00



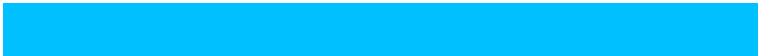
360D00

Inverse Universe

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



16B5E9



00C0FF



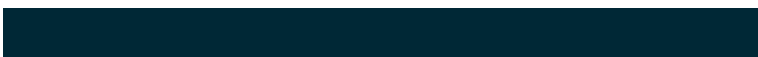
164EE9



6A7275



0088B5



002836

Previews

White Background



This preview shows how the Hex color E94A16 looks on a white background.

Color Contrast Check

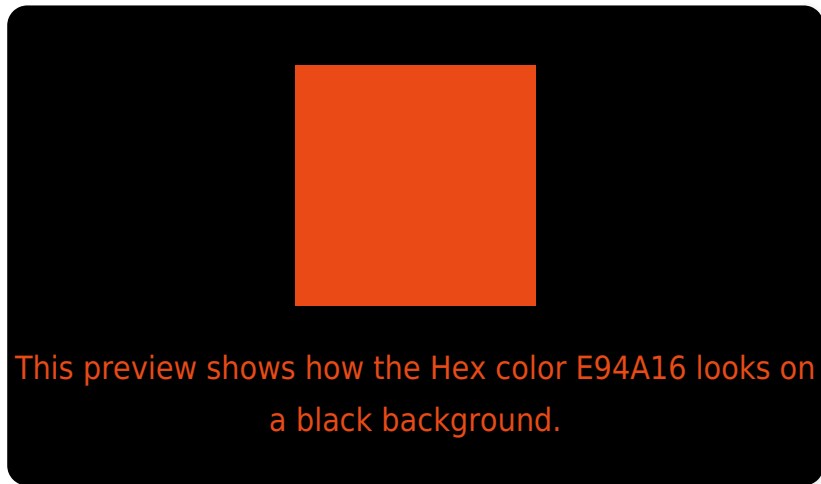
Large Text (above 18pt) WCAG AA ✓ Pass

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 E94A16 Background



This preview shows how black text looks on a background with the Hex color E94A16.



This preview shows how white text looks on a background with the Hex color E94A16.

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
E94A16

Protanopia
928324

Deuteranopia
A57C00

Trichromacy



Original Color
E94A16

Protanomaly
B26E1F

Deuteranomaly
BE6A08

Tritanomaly
EA4736

Monochromacy



Original Color
E94A16

Achromatopsia
747474

Achromatomaly
9F6552

CSS Examples

Text

The CSS property to change the color of the text to Hex E94A16 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 #E94A16 looks like.

```
.text, #text, p{  
    color:#E94A16  
}
```

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 #E94A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94A16
}
```

Border

The CSS property to change the border of an element to Hex E94A16 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
#E94A16 }
```

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

```
.border{ border-color:#E94A16 }
```

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

Here you see how a box with a 4 pixel #E94A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94A16; -webkit-box-shadow:4px 4px  
4px 4px #E94A16; box-shadow:4px 4px 4px  
4px #E94A16 }
```

Background

The CSS property to change the background color of an element to Hex E94A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94A16 }
```

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

```
.background{ background-color:#E94A16 }
```

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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