

Converting Colors

Hex(E94B00)

Have a look what the booklet for
Hex(E94B00) contains.

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Color

Hex(E94B00)

Conversions

Conversions Part 1

Format	Color
Hex	E94B00
RGB	233, 75, 0
RGB Percent	91%, 29%, 0%
CMY	0.0863, 0.7059, 1.0000
CMYK	0.00, 0.68, 1.00, 0.09
HSL	19°, 100%, 46%
HSV	19°, 100%, 91%
XYZ	36.1203, 22.3558, 2.4113
YIQ	113.6920, 118.2430, 10.1710

Conversions

Conversions Part 2

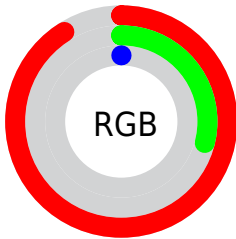
Format	Color
R _Y B	233, 111, 0
Decimal	15289088
CIE Lab	54.40, 58.71, 65.22
CIE LCh	54, 87.750, 48.008
Yxy	22.3558, 0.5932, 0.3672
Android (android.graphics.Color)	4293479168 (0xFFE94B00)
YUV	113.6920, -56.0502, 104.6331
Hunter-Lab	47.2819, 53.6192, 30.0736

Details

The Hex color **E94B00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **009EE9**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF833E**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **E94B00**, and if you desaturate by 10%, it is **E95B17**.

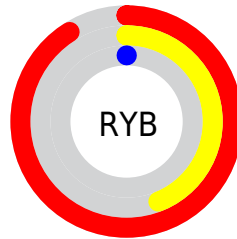
Distribution



Red (91%)

Green (29%)

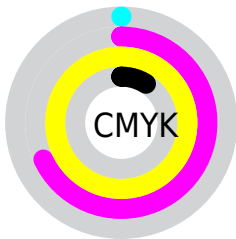
Blue (0%)



Red (91%)

Yellow (44%)

Blue (0%)

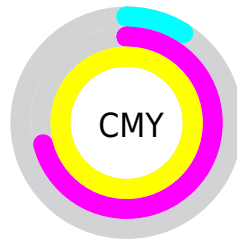


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E94B00 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 E94B00 by changing the saturation by 10% instead.

 E94B00

 E94B00

FFFFFF

 C82D00

 FF833E

 A80000

 FF9F58

 880000

 FFBC73

 690000

 FFD98E

 4B0001

 FFF6A9

 2E0002

 FFFFC5

 000000

 FFFFE2

 E94B00

 E95B17

 E96B2F

 E97A46

 E98A5D

 E99A75

 E9AA8C

 E9BAA3

 E9C9BA

 E9D9D2

Harmonies

Analogous

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



FF0059



E94B00



B77400

Triad

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



E94B00



00A060



007CFF

Complementary

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



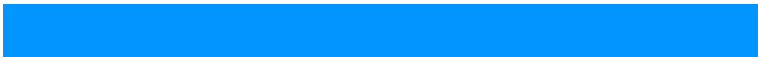
E94B00



009EE9

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



E94B00



00A2AF

Square

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



E94B00



009A00



009FF3



BB51E9

Rectangle

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



E94B00



8C8600



009FF3



0086FF

Sweetspot

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



E94B00



FFCBB3



E9009F



806052



000000



808080

Same Dimension

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



E94B00



FF5200



E9BE00



756D6A



B53A00



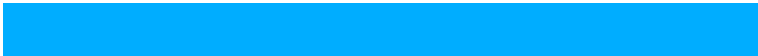
361100

Inverse Universe

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



009EE9



00ADFF



002BE9



6A7275



007BB5



002436

Previews

White Background



This preview shows how the Hex color E94B00 looks on a white background.

Color Contrast Check

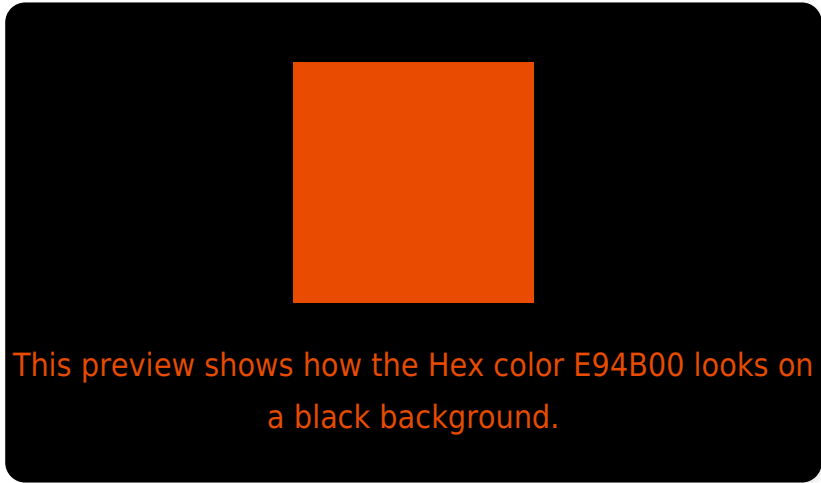
Large Text (above 18pt) WCAG AA ✓ Pass

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 E94B00 Background



This preview shows how black text looks on a background with the Hex color E94B00.



This preview shows how white text looks on a background with the Hex color E94B00.

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
E94B00

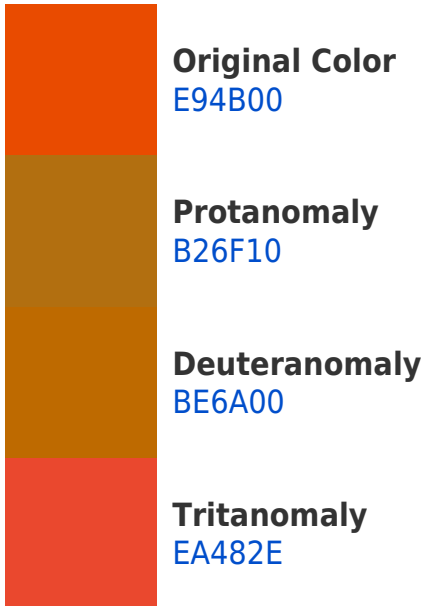
Protanopia
938319

Deuteranopia
A57C00



Tritanopia
EA4649

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E94B00 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 #E94B00 looks like.

```
.text, #text, p{  
    color:#E94B00  
}
```

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 #E94B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94B00
}
```

Border

The CSS property to change the border of an element to Hex E94B00 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
#E94B00 }
```

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

```
.border{ border-color:#E94B00 }
```

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

Here you see how a box with a 4 pixel #E94B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94B00; -webkit-box-shadow:4px 4px  
4px 4px #E94B00; box-shadow:4px 4px 4px  
4px #E94B00 }
```

Background

The CSS property to change the background color of an element to Hex E94B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94B00 }
```

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

```
.background{ background-color:#E94B00 }
```

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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