

# Converting Colors

Hex(E94925)

Have a look what the booklet for  
Hex(E94925) contains.

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**Color**

**Hex(E94925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E94925
RGB	233, 73, 37
RGB Percent	91%, 29%, 15%
CMY	0.0863, 0.7137, 0.8549
CMYK	0.00, 0.69, 0.84, 0.09
HSL	11°, 82%, 53%
HSV	11°, 84%, 91%
XYZ	36.3207, 22.2223, 4.1253
YIQ	116.7360, 106.9160, 22.7240

# Conversions

## Conversions Part 2

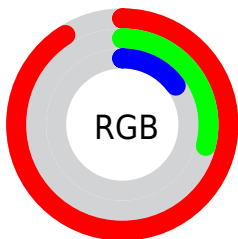
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 81, 37
Decimal	15288613
CIE <sub>Lab</sub>	54.26, 59.98, 53.97
CIE <sub>LCh</sub>	54, 80.687, 41.980
Yxy	22.2223, 0.5796, 0.3546
Android (android.graphics.Color)	4293478693 (0xFFE94925)
YUV	116.7360, -39.3098, 101.9635
Hunter-Lab	47.1405, 55.0344, 27.8099

# Details

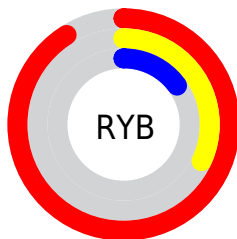
The Hex color **E94925** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25C5E9**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8256**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **E9360E**, and if you desaturate by 10%, it is **E95C3C**.

# Distribution



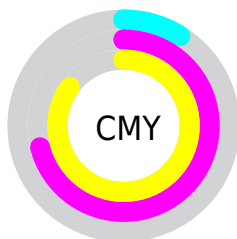
- Red (91%)
- Green (29%)
- Blue (15%)



- Red (91%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (84%)
- Black (9%)



- Cyan (9%)
- Magenta (71%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E94925 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 E94925 by changing the saturation by 10% instead.



 E94925

 E94925

FFFFFF

 C92A0A

 FF8256

 A90000

 FF9E70

 890000

 FFBB8A

 6A0000

 FFD8A4

 4C0001

 FFF5C0

 2F0002

 FFFFDC

 000000

 FFFFF9

 E94925

 E94925

 E9360E

 E95C3C

 E92B00

 E96F54

 E9826B

 E99582

 E9A89A

 E9BBB1

 E9CEC8

 E9E1DF

 E9F4F7

# Harmonies

## Analogous

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



FA1E69



E94925



BF6F00

# Triad

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



E94925



009D53



0082FF

# Complementary

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



E94925



25C5E9

# 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



E94925



009F9D

# Square

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



E94925



2A9600



009EDE



A560EB

# Rectangle

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



E94925



998100



009EDE



008AFF



# Sweetspot

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



E94925



FFCBBF



E925C5



806059



000000



808080



# Same Dimension

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



E94925



FF2F00



E9AB25



756C6A



B52100



360A00

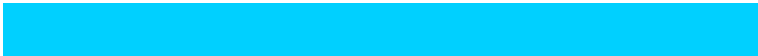


# Inverse Universe

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



25C5E9



00D0FF



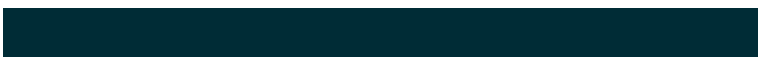
2563E9



6A7375



0094B5



002C36



# Previews

## White Background



This preview shows how the Hex color E94925 looks on a white background.

## Color Contrast Check

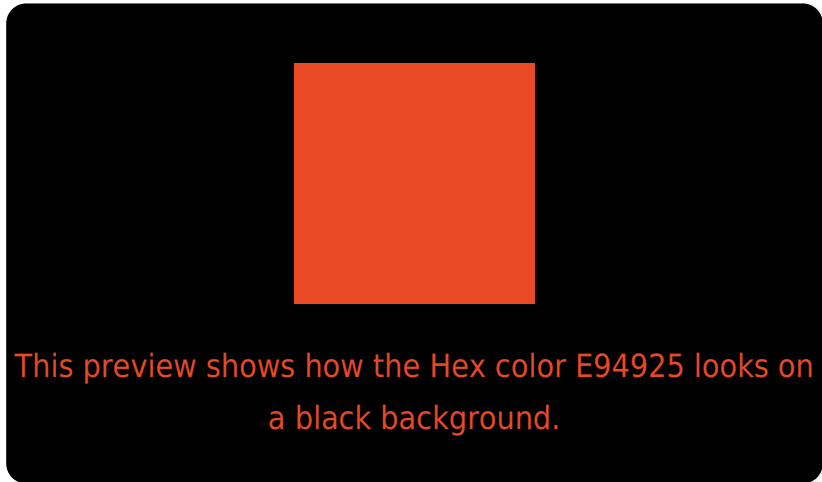
Large Text (above 18pt) WCAG AA ✓ Pass

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 E94925 Background



This preview shows how black text looks on a background with the Hex color E94925.



This preview shows how white text looks on a background with the Hex color E94925.

# 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**  
E94925

**Protanopia**  
918234

**Deuteranopia**  
A57B0F



# Trichromacy



**Original Color**  
E94925

**Protanomaly**  
B16D2F

**Deuteranomaly**  
BE6917

**Tritanomaly**  
EA463B

# Monochromacy



**Original Color**  
E94925

**Achromatopsia**  
757575

**Achromatomaly**  
9F6558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E94925 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 #E94925 looks like.

```
.text, #text, p{  
  color:#E94925  
}
```

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 #E94925 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94925 }  
}
```

## Border

The CSS property to change the border of an element to Hex E94925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

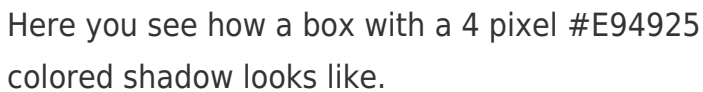
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E94925 }  
}
```

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

```
.border{ border-color:#E94925 }
```

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



Here you see how a box with a 4 pixel #E94925 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94925; -webkit-box-shadow:4px 4px  
4px 4px #E94925; box-shadow:4px 4px 4px  
4px #E94925 }
```

# Background

The CSS property to change the background color of an element to Hex E94925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94925 }
```

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

```
.background{ background-color:#E94925 }
```

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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