

Converting Colors

Hex(E9413B)

Have a look what the booklet for
Hex(E9413B) contains.

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Color

Hex(E9413B)

Conversions

Conversions Part 1

Format	Color
Hex	E9413B
RGB	233, 65, 59
RGB Percent	91%, 25%, 23%
CMY	0.0863, 0.7451, 0.7686
CMYK	0.00, 0.72, 0.75, 0.09
HSL	2°, 80%, 57%
HSV	2°, 75%, 91%
XYZ	36.2840, 21.4200, 6.3598
YIQ	114.5480, 102.0540, 33.7500

Conversions

Conversions Part 2

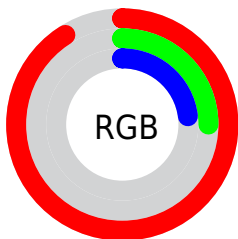
Format	Color
R_{YB}	233, 65, 59
Decimal	15286587
CIE _{Lab}	53.41, 63.55, 42.07
CIE _{LCh}	53, 76.210, 33.503
Yxy	21.4200, 0.5664, 0.3344
Android (android.graphics.Color)	4293476667 (0xFFE9413B)
YUV	114.5480, -27.3852, 103.8824
Hunter-Lab	46.2817, 58.9475, 24.2499

Details

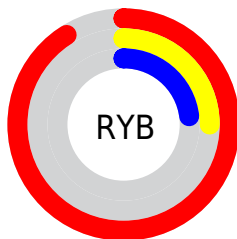
The Hex color **E9413B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **3BE3E9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7C6B**, and **A9000F** is the 20% darker color. If you saturate the color by 10%, you get **E92B24**, and if you desaturate by 10%, it is **E95752**.

Distribution



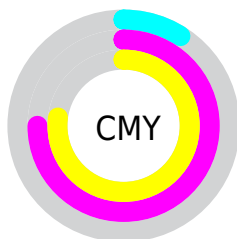
- Red (91%)
- Green (25%)
- Blue (23%)



- Red (91%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (72%)
- Yellow (75%)
- Black (9%)



- Cyan (9%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9413B 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 E9413B by changing the saturation by 10% instead.

 E9413B

 E9413B

FFFFFF

 C91E24

 FF7C6B

 A9000F

 FF9885

 8A0000

 FFB59F

 6A0000

 FFD2BA

 4C0002

 FFF0D6

 2E0002

 FFFFF2

 000000

 E9413B

 E9413B

 E92B24

 E95752

 E9140C

 E96E6A

 E90800

 E98481

 E99B98

 E9B1B0

 E9C8C7

 E9DEDE

 E9F5F5

 E9FFFF

Harmonies

Analogous

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



F0287B



E9413B



C76500

Triad

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



E9413B



009840



0086FF

Complementary

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



E9413B



3BE3E9

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.



0095F6



E9413B



009C86

Square

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



E9413B



4F9000



009BC7



846AEE

Rectangle

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



E9413B



A67800



009BC7



008CFF

Sweetspot

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



E9413B



FFC9C7



E93BE3



805F5E



000000



808080

Same Dimension

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



E9413B



FF2119



E9983B



756A6A



B50600



360200

Inverse Universe

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



3BE3E9



19F7FF



3B8CE9



6A7575



00AFB5



003436

Previews

White Background



This preview shows how the Hex color E9413B 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 E9413B Background



This preview shows how black text looks on a background with the Hex color E9413B.

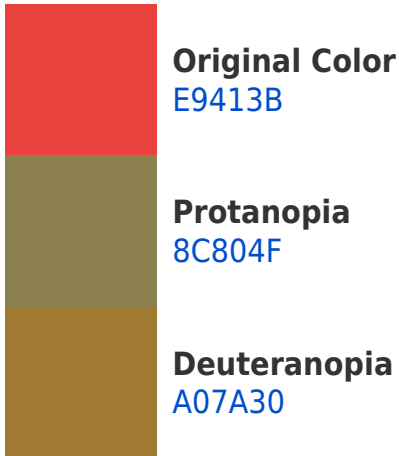



This preview shows how white text looks on a background with the Hex color E9413B.

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
E94042

Trichromacy



Original Color
E9413B

Protanomaly
AE6948

Deuteranomaly
BB6534

Tritanomaly
E9403F

Monochromacy



Original Color
E9413B

Achromatopsia
737373

Achromatomaly
9E615F

CSS Examples

Text

The CSS property to change the color of the text to Hex E9413B 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 #E9413B looks like.

```
.text, #text, p{  
    color:#E9413B  
}
```

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 #E9413B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9413B
}
```

Border

The CSS property to change the border of an element to Hex E9413B 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".

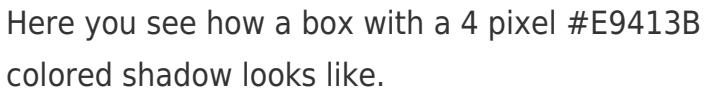
```
.border, #border, table{ border:4px solid
#E9413B }
```

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

```
.border{ border-color:#E9413B }
```

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

Here you see how a box with a 4 pixel #E9413B 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 4-pixel red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9413B; -webkit-box-shadow:4px 4px  
4px 4px #E9413B; box-shadow:4px 4px 4px  
4px #E9413B }
```

Background

The CSS property to change the background color of an element to Hex E9413B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9413B }
```

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

```
.background{ background-color:#E9413B }
```

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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