

Converting Colors

Hex(E93535)

Have a look what the booklet for
Hex(E93535) contains.

Hex(E93535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E93535)

Conversions

Conversions Part 1

Format	Color
Hex	E93535
RGB	233, 53, 53
RGB Percent	91%, 21%, 21%
CMY	0.0863, 0.7922, 0.7922
CMYK	0.00, 0.77, 0.77, 0.09
HSL	0°, 80%, 56%
HSV	0°, 77%, 91%
XYZ	35.5200, 20.1269, 5.3809
YIQ	106.8200, 107.2800, 38.1600

Conversions

Conversions Part 2

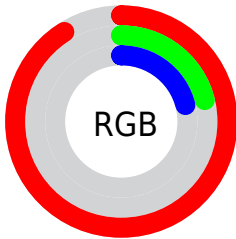
Format	Color
R_{YB}	233, 53, 53
Decimal	15283509
CIE _{Lab}	51.98, 67.13, 43.81
CIE _{LCh}	52, 80.162, 33.131
Yxy	20.1269, 0.5820, 0.3298
Android (android.graphics.Color)	4293473589 (0xFFE93535)
YUV	106.8200, -26.5333, 110.6599
Hunter-Lab	44.8630, 62.8159, 24.2928

Details

The Hex color **E93535** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **35E9E9**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7365**, and **A80009** is the 20% darker color. If you saturate the color by 10%, you get **E91E1E**, and if you desaturate by 10%, it is **E94C4C**.

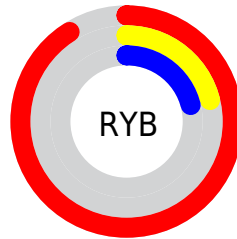
Distribution



Red (91%)

Green (21%)

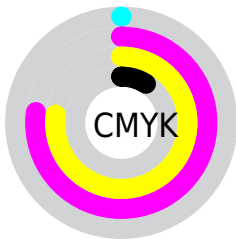
Blue (21%)



Red (91%)

Yellow (21%)

Blue (21%)

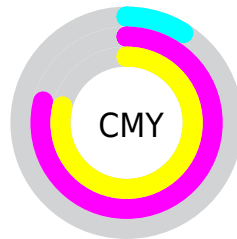


Cyan (0%)

Magenta (77%)

Yellow (77%)

Black (9%)



Cyan (9%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color E93535 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 E93535 by changing the saturation by 10% instead.

 E93535

 E93535

FFFFFF

 C9011F

 FF7365

 A80009

 FF907E

 890000

 FFAD98

 690000

 FFCAB3

 4B0003

 FFE8CF

 2D0001

 FFFFEB

 000000

 E93535

 E93535

 E91E1E

 E94C4C

 E90606

 E96464

 E90000

 E97B7B

 E99292

 E9AAAA

 E9C1C1

 E9D8D8

 E9EFEF

 E9FFFF

Harmonies

Analogous

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



F00A78



E93535



C65F00

Triad

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



E93535



009538



0083FF

Complementary

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



E93535



35E9E9

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.



0093F7



E93535



009982

Square

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



E93535



478C00



0098C6



7E65F1

Rectangle

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



E93535



A47400



0098C6



008AFF

Sweetspot

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



E93535



FFC4C4



E935E9



805C5C



000000



808080

Same Dimension

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



E93535



FF1212



E98F35



756A6A



B50000



360000

Inverse Universe

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



35E9E9



12FFFF



358FE9



6A7575



00B5B5



003636

Previews

White Background



This preview shows how the Hex color E93535 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 E93535 Background



This preview shows how black text looks on a background with the Hex color E93535.



This preview shows how white text looks on a background with the Hex color E93535.

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
E93535

Protanopia
887D4A

Deuteranopia
9C7628



Tritanopia
E93536

Trichromacy



Original Color
E93535

Protanomaly
AB6342

Deuteranomaly
B85E2D

Tritanomaly
E93536

Monochromacy



Original Color
E93535

Achromatopsia
6B6B6B

Achromatomaly
995757

CSS Examples

Text

The CSS property to change the color of the text to Hex E93535 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 #E93535 looks like.

```
.text, #text, p{  
    color:#E93535  
}
```

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 #E93535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93535
}
```

Border

The CSS property to change the border of an element to Hex E93535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

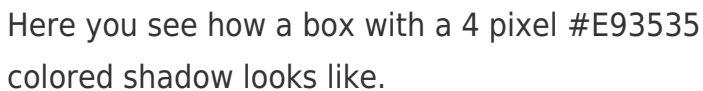
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E93535 }
```

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

```
.border{ border-color:#E93535 }
```

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



Here you see how a box with a 4 pixel `#E93535` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93535; -webkit-box-shadow:4px 4px  
4px 4px #E93535; box-shadow:4px 4px 4px  
4px #E93535 }
```

Background

The CSS property to change the background color of an element to Hex E93535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93535 }
```

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

```
.background{ background-color:#E93535 }
```

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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