

Converting Colors

Hex(E51A2A)

Have a look what the booklet for
Hex(E51A2A) contains.

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Color

Hex(E51A2A)

Conversions

Conversions Part 1

Format	Color
Hex	E51A2A
RGB	229, 26, 42
RGB Percent	90%, 10%, 16%
CMY	0.1020, 0.8980, 0.8353
CMYK	0.00, 0.89, 0.82, 0.10
HSL	355°, 80%, 50%
HSV	355°, 89%, 90%
XYZ	33.1004, 17.5640, 3.8361
YIQ	88.5210, 115.8520, 48.0120

Conversions

Conversions Part 2

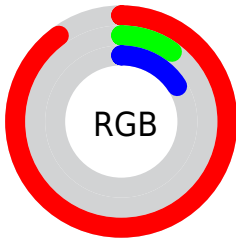
Format	Color
R _{YB}	229, 26, 42
Decimal	15014442
CIE Lab	48.96, 71.77, 46.44
CIE LCh	49, 85.480, 32.907
Yxy	17.5640, 0.6073, 0.3223
Android (android.graphics.Color)	4293204522 (0xFFE51A2A)
YUV	88.5210, -22.9349, 123.2001
Hunter-Lab	41.9094, 67.6395, 23.9096

Details

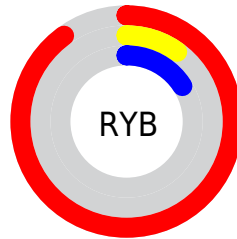
The Hex color **E51A2A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1AE5D5**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6359**, and **A40000** is the 20% darker color. If you saturate the color by 10%, you get **E50315**, and if you desaturate by 10%, it is **E5313F**.

Distribution



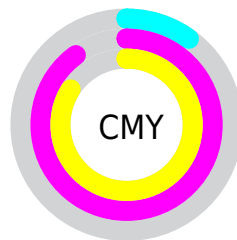
- Red (90%)
- Green (10%)
- Blue (16%)



- Red (90%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (89%)
- Yellow (82%)
- Black (10%)



- Cyan (10%)
- Magenta (90%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color E51A2A 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 E51A2A by changing the saturation by 10% instead.

 E51A2A

 E51A2A

FFFFFF

 C40014

 FF6359

 A40000

 FF8172

 840000

 FF9E8B

 640001

 FFBCA6

 470004

 FFD9C1

 260001

 FFF8DD

 000000

 FFFFFA

 E51A2A

 E51A2A

 E50315

 E5313F

 E50012

 E54854

 E55F69

 E5767E

 E58C93

 E5A3A9

 E5BABE

 E5D1D3

 E5E8E8

Harmonies

Analogous

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



ED0071



E51A2A



C05500

Triad

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



E51A2A



008E2B



007DFF

Complementary

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



E51A2A



1AE5D5

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.



008CF7



E51A2A



00917A

Square

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



E51A2A



388500



0092C2



715CF0

Rectangle

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



E51A2A



9C6C00



0092C2



0083FF

Sweetspot

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



E51A2A



FFBAC0



D41AE5



80575A



000000



808080

Same Dimension

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



E51A2A



FF0014



E56F1A



736768



B3000E



330004

Inverse Universe

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



E51A2A



FF0014



1A90E5



736768



B3000E



330004

Previews

White Background



This preview shows how the Hex color E51A2A looks on a white background.

Color Contrast Check

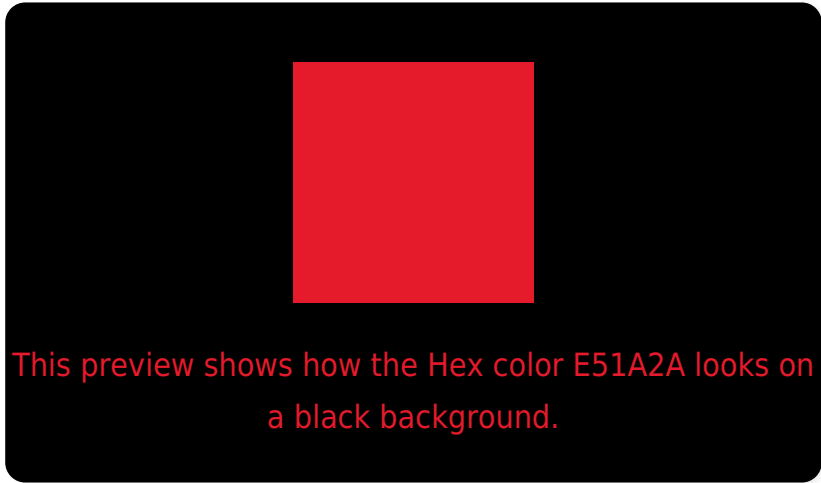
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 E51A2A Background



This preview shows how black text looks on a background with the Hex color E51A2A.



This preview shows how white text looks on a background with the Hex color E51A2A.

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
E51A2A

Protanopia
817541

Deuteranopia
946F17



Tritanopia
E51D19

Trichromacy



Original Color
E51A2A

Protanomaly
A55439

Deuteranomaly
B1501E

Tritanomaly
E51C1F

Monochromacy



Original Color
E51A2A

Achromatopsia
595959

Achromatomaly
8C4248

CSS Examples

Text

The CSS property to change the color of the text to Hex E51A2A 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 #E51A2A looks like.

```
.text, #text, p{  
    color:#E51A2A  
}
```

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 #E51A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51A2A
}
```

Border

The CSS property to change the border of an element to Hex E51A2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

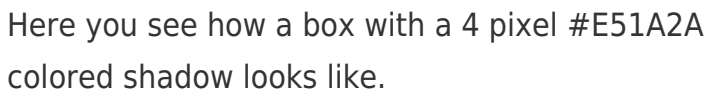
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E51A2A }
```

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

```
.border{ border-color:#E51A2A }
```

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



Here you see how a box with a 4 pixel #E51A2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51A2A; -webkit-box-shadow:4px 4px  
4px 4px #E51A2A; box-shadow:4px 4px 4px  
4px #E51A2A }
```

Background

The CSS property to change the background color of an element to Hex E51A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51A2A }
```

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

```
.background{ background-color:#E51A2A }
```

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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