

Converting Colors

Hex(E51A16)

Have a look what the booklet for
Hex(E51A16) contains.

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Color

Hex(E51A16)

Conversions

Conversions Part 1

Format	Color
Hex	E51A16
RGB	229, 26, 22
RGB Percent	90%, 10%, 9%
CMY	0.1020, 0.8980, 0.9137
CMYK	0.00, 0.89, 0.90, 0.10
HSL	1°, 82%, 49%
HSV	1°, 90%, 90%
XYZ	32.8273, 17.4547, 2.3980
YIQ	86.2410, 122.2720, 41.7920

Conversions

Conversions Part 2

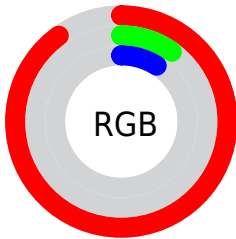
Format	Color
R_{YB}	229, 26, 22
Decimal	15014422
CIE _{Lab}	48.83, 71.38, 55.71
CIE _{LCh}	49, 90.545, 37.973
Yxy	17.4547, 0.6231, 0.3313
Android (android.graphics.Color)	4293204502 (0xFFE51A16)
YUV	86.2410, -31.6708, 125.1996
Hunter-Lab	41.7789, 67.1416, 25.8422

Details

The Hex color **E51A16** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **16E1E5**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6247**, and **A30000** is the 20% darker color. If you saturate the color by 10%, you get **E50400**, and if you desaturate by 10%, it is **E5302D**.

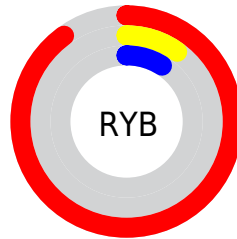
Distribution



Red (90%)

Green (10%)

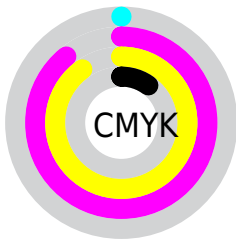
Blue (9%)



Red (90%)

Yellow (10%)

Blue (9%)

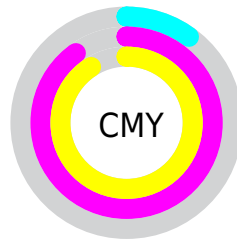


Cyan (0%)

Magenta (89%)

Yellow (90%)

Black (10%)



Cyan (10%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E51A16 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 E51A16 by changing the saturation by 10% instead.

 E51A16

 E51A16

FFFFFF

 C40000

 FF6247

 A30000

 FF805F

 830000

 FF9E79

 630001

 FFBB93

 460003

 FFD9AE

 250001

 FFF7CA

 000000

 FFFFE7

 E51A16

 E51A16

 E50400

 E5302D

 E54744

 E55D5B

 E57472

 E58A89

 E5A19F

 E5B7B6

 E5CECD

 E5E4E4

Harmonies

Analogous

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



F40064



E51A16



BA5900

Triad

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



E51A16



008F35



0079FF

Complementary

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



E51A16



16E1E5

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.



008CFF



E51A16



009287

Square

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



E51A16



0A8800



0092D2



8752EF

Rectangle

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



E51A16



927000



0092D2



0081FF

Sweetspot

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



E51A16



FFBBBA



E516E2



805757



000000



808080

Same Dimension

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



E51A16



FF0500



E58116



736767



B30300



330100

Inverse Universe

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



16E1E5



00FAFF



167AE5



677373



00AFB3



003233

Previews

White Background



This preview shows how the Hex color E51A16 looks on a white background.

Color Contrast Check

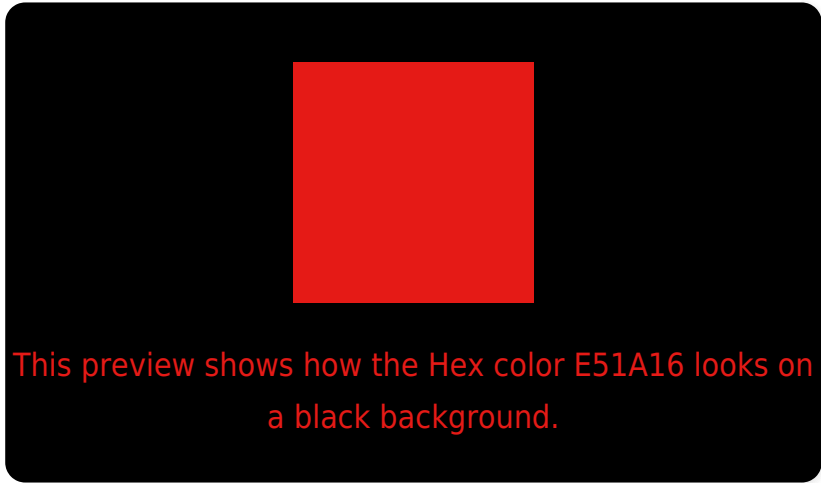
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E51A16 Background



This preview shows how black text looks on a background with the Hex color E51A16.



This preview shows how white text looks on a background with the Hex color E51A16.

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
E51A16

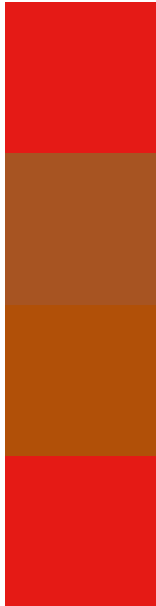
Protanopia
837529

Deuteranopia
946F00



Tritanopia
E51A14

Trichromacy



Original Color
E51A16

Protanomaly
A75422

Deuteranomaly
B15008

Tritanomaly
E51A15

Monochromacy



Original Color
E51A16

Achromatopsia
565656

Achromatomaly
8A403F

CSS Examples

Text

The CSS property to change the color of the text to Hex E51A16 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 #E51A16 looks like.

```
.text, #text, p{  
    color:#E51A16  
}
```

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 #E51A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51A16
}
```

Border

The CSS property to change the border of an element to Hex E51A16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

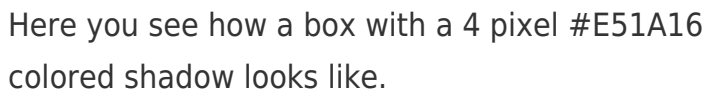
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E51A16 }
```

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

```
.border{ border-color:#E51A16 }
```

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



Here you see how a box with a 4 pixel `#E51A16` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51A16; -webkit-box-shadow:4px 4px  
4px 4px #E51A16; box-shadow:4px 4px 4px  
4px #E51A16 }
```

Background

The CSS property to change the background color of an element to Hex E51A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51A16 }
```

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

```
.background{ background-color:#E51A16 }
```

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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