

Converting Colors

Hex(E51C30)

Have a look what the booklet for
Hex(E51C30) contains.

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Color

Hex(E51C30)

Conversions

Conversions Part 1

Format	Color
Hex	E51C30
RGB	229, 28, 48
RGB Percent	90%, 11%, 19%
CMY	0.1020, 0.8902, 0.8118
CMYK	0.00, 0.88, 0.79, 0.10
HSL	354°, 79%, 50%
HSV	354°, 88%, 90%
XYZ	33.2619, 17.7019, 4.4600
YIQ	90.3790, 113.3760, 48.8320

Conversions

Conversions Part 2

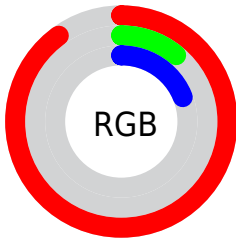
Format	Color
R_{YB}	229, 28, 48
Decimal	15014960
CIE Lab	49.13, 71.60, 43.35
CIE LCh	49, 83.707, 31.194
Yxy	17.7019, 0.6001, 0.3194
Android (android.graphics.Color)	4293205040 (0xFFE51C30)
YUV	90.3790, -20.8928, 121.5706
Hunter-Lab	42.0737, 67.4865, 23.1665

Details

The Hex color **E51C30** 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 **1CE5D1**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF645F**, and **A40003** is the 20% darker color. If you saturate the color by 10%, you get **E5051B**, and if you desaturate by 10%, it is **E53345**.

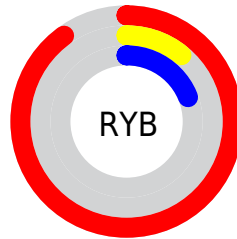
Distribution



Red (90%)

Green (11%)

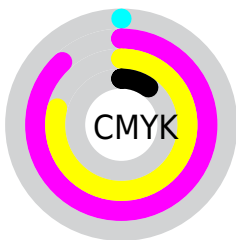
Blue (19%)



Red (90%)

Yellow (11%)

Blue (19%)

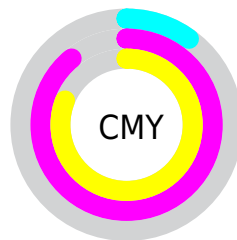


Cyan (0%)

Magenta (88%)

Yellow (79%)

Black (10%)



Cyan (10%)

Magenta (89%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E51C30 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 E51C30 by changing the saturation by 10% instead.

 E51C30

 E51C30

FFFFFF

 C4001A

 FF645F

 A40003

 FF8178

 840000

 FF9F92

 640001

 FFBDAD

 470004

 FFDAC8

 260001

 FFF8E4

 000000

 E51C30

 E51C30

 E5051B

 E53345

 E50017

 E54A59

 E5616E

 E57882

 E58F97

 E5A5AC

 E5BCC0

 E5D3D5

 E5EAEA

Harmonies

Analogous

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



EB0075



E51C30



C25400

Triad

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



E51C30



008E28



007EFF

Complementary

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



E51C30



1CE5D1

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.



008DF2



E51C30



009176

Square

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



E51C30



418500



0092BD



6A60F0

Rectangle

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



E51C30



A06B00



0092BD



0084FF

Sweetspot

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



E51C30



FFBDC3



D11CE5



80585C



000000



808080

Same Dimension

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



E51C30



FF0019



E56C1C



736768



B30012



330005

Inverse Universe

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



E51C30



FF0019



1C95E5



736768



B30012



330005

Previews

White Background



This preview shows how the Hex color E51C30 looks on a white background.

Color Contrast Check

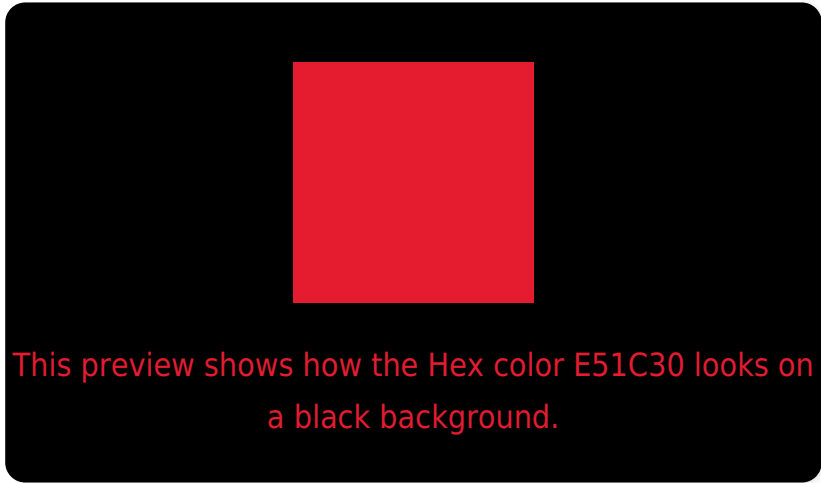
Large Text (above 18pt) WCAG AA ✓ Pass

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 E51C30 Background



This preview shows how black text looks on a background with the Hex color E51C30.



This preview shows how white text looks on a background with the Hex color E51C30.

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
E51C30

Protanopia
817648

Deuteranopia
947020



Tritanopia
E5201C

Trichromacy



Original Color
E51C30

Protanomaly
A5553F

Deuteranomaly
B15126

Tritanomaly
E51F23

Monochromacy



Original Color
E51C30

Achromatopsia
5A5A5A

Achromatomaly
8D434B

CSS Examples

Text

The CSS property to change the color of the text to Hex E51C30 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 #E51C30 looks like.

```
.text, #text, p{  
    color:#E51C30  
}
```

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 #E51C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E51C30
}
```

Border

The CSS property to change the border of an element to Hex E51C30 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".

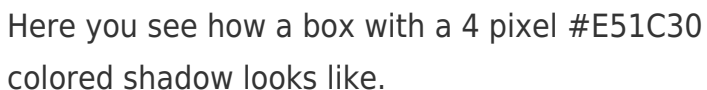
```
.border, #border, table{ border:4px solid
#E51C30 }
```

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

```
.border{ border-color:#E51C30 }
```

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

Here you see how a box with a 4 pixel #E51C30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E51C30; -webkit-box-shadow:4px 4px  
4px 4px #E51C30; box-shadow:4px 4px 4px  
4px #E51C30 }
```

Background

The CSS property to change the background color of an element to Hex E51C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E51C30 }
```

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

```
.background{ background-color:#E51C30 }
```

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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