

Converting Colors

Hex(E31C31)

Have a look what the booklet for
Hex(E31C31) contains.

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Color

Hex(E31C31)

Conversions

Conversions Part 1

Format	Color
Hex	E31C31
RGB	227, 28, 49
RGB Percent	89%, 11%, 19%
CMY	0.1098, 0.8902, 0.8078
CMYK	0.00, 0.88, 0.78, 0.11
HSL	354°, 78%, 50%
HSV	354°, 88%, 89%
XYZ	32.6482, 17.3832, 4.5403
YIQ	89.8950, 111.8630, 48.7190

Conversions

Conversions Part 2

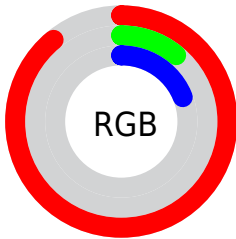
Format	Color
R _Y B	227, 28, 49
Decimal	14883889
CIE Lab	48.74, 71.12, 42.27
CIE LCh	49, 82.731, 30.722
Yxy	17.3832, 0.5983, 0.3185
Android (android.graphics.Color)	4293073969 (0xFFE31C31)
YUV	89.8950, -20.1612, 120.2411
Hunter-Lab	41.6931, 66.8132, 22.7287

Details

The Hex color **E31C31** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1CE3CE**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6360**, and **A20005** is the 20% darker color. If you saturate the color by 10%, you get **E3051D**, and if you desaturate by 10%, it is **E33345**.

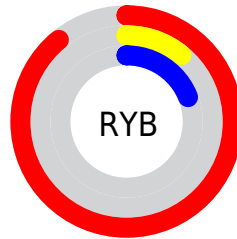
Distribution



Red (89%)

Green (11%)

Blue (19%)



Red (89%)

Yellow (11%)

Blue (19%)

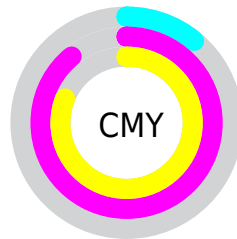


Cyan (0%)

Magenta (88%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (89%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31C31 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 E31C31 by changing the saturation by 10% instead.

 E31C31

 E31C31

FFFFFF

 C2001B

 FF6360

 A20005

 FF8179

 820000

 FF9F93

 630001

 FFBCAE

 450003

 FFDAC9

 240001

 FFF8E5

 000000

 E31C31

 E31C31

 E3051D

 E33345

 E30018

 E3495A

 E3606E

 E37782

 E38E97

 E3A4AB

 E3BBBF

 E3D2D3

 E3E8E8

Harmonies

Analogous

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



E80075



E31C31



C15300

Triad

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



E31C31



008C27



007DFE

Complementary

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



E31C31



1CE3CE

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.



008CEF



E31C31



009074

Square

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



E31C31



438300



0090BA



6760EE

Rectangle

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



E31C31



9F6900



0090BA



0083FF

Sweetspot

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



E31C31



FFBDC4



CC1CE3



80585C



000000



808080

Same Dimension

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



E31C31



FF001B



E3681C



736768



B30013



330005

Inverse Universe

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



E31C31



FF001B



1C97E3



736768



B30013



330005

Previews

White Background



This preview shows how the Hex color E31C31 looks on a white background.

Color Contrast Check

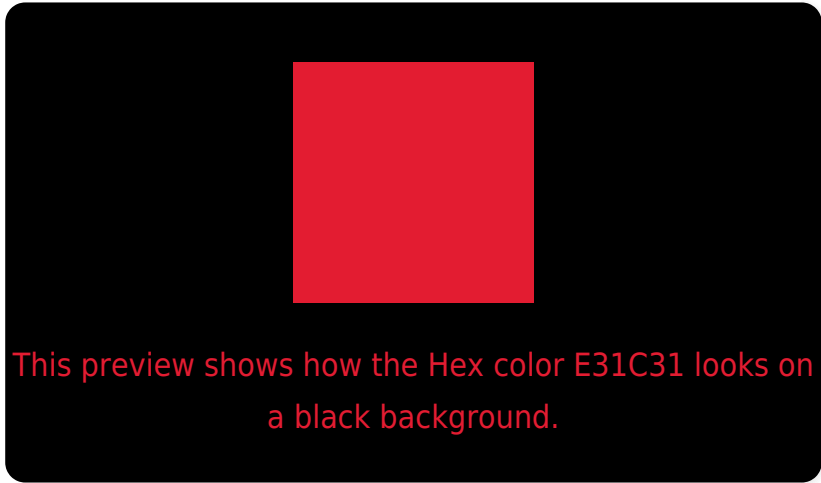
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31C31 Background



This preview shows how black text looks on a background with the Hex color E31C31.



This preview shows how white text looks on a background with the Hex color E31C31.

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
E31C31

Protanopia
7F7549

Deuteranopia
926F22



Tritanopia
E3201D

Trichromacy



Original Color
E31C31

Protanomaly
A35540

Deuteranomaly
AF5127

Tritanomaly
E31F24

Monochromacy



Original Color
E31C31

Achromatopsia
5A5A5A

Achromatomaly
8C434B

CSS Examples

Text

The CSS property to change the color of the text to Hex E31C31 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 #E31C31 looks like.

```
.text, #text, p{  
    color:#E31C31  
}
```

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 #E31C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31C31
}
```

Border

The CSS property to change the border of an element to Hex E31C31 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
#E31C31 }
```

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

```
.border{ border-color:#E31C31 }
```

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

Here you see how a box with a 4 pixel #E31C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31C31; -webkit-box-shadow:4px 4px  
4px 4px #E31C31; box-shadow:4px 4px 4px  
4px #E31C31 }
```

Background

The CSS property to change the background color of an element to Hex E31C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31C31 }
```

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

```
.background{ background-color:#E31C31 }
```

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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