

Converting Colors

Hex(E31C37)

Have a look what the booklet for
Hex(E31C37) contains.

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Color

Hex(E31C37)

Conversions

Conversions Part 1

Format	Color
Hex	E31C37
RGB	227, 28, 55
RGB Percent	89%, 11%, 22%
CMY	0.1098, 0.8902, 0.7843
CMYK	0.00, 0.88, 0.76, 0.11
HSL	352°, 78%, 50%
HSV	352°, 88%, 89%
XYZ	32.7834, 17.4372, 5.2523
YIQ	90.5790, 109.9370, 50.5850

Conversions

Conversions Part 2

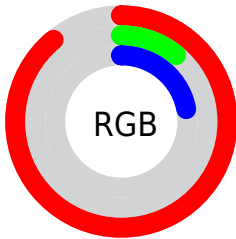
Format	Color
RYB	227, 28, 55
Decimal	14883895
CIELab	48.81, 71.31, 38.93
CIELCh	49, 81.248, 28.630
Yxy	17.4372, 0.5910, 0.3143
Android (android.graphics.Color)	4293073975 (0xFFE31C37)
YUV	90.5790, -17.5404, 119.6412
Hunter-Lab	41.7579, 67.0608, 21.7731

Details

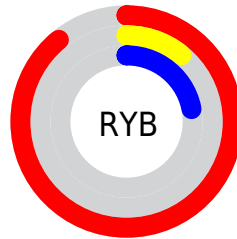
The Hex color **E31C37** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1CE3C8**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6366**, and **A2000D** is the 20% darker color. If you saturate the color by 10%, you get **E30523**, and if you desaturate by 10%, it is **E3334B**.

Distribution



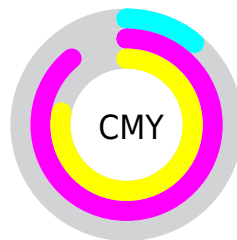
- Red (89%)
- Green (11%)
- Blue (22%)



- Red (89%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (88%)
- Yellow (76%)
- Black (11%)



- Cyan (11%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31C37 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 E31C37 by changing the saturation by 10% instead.

 E31C37

 E31C37

FFFFFF

 C30021

 FF6366

 A2000D

 FF817F

 830000

 FF9F99

 630001

 FFBCB4

 460003

 FFDAD0

 250001

 FFF8EC

 000000

 E31C37

 E31C37

 E30523

 E3334B

 E3001F

 E3495E

 E36072

 E37785

 E38E99

 E3A4AD

 E3BBC0

 E3D2D4

 E3E8E8

Harmonies

Analogous

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



E5007A



E31C37



C35100

Triad

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



E31C37



008C23



007EFF

Complementary

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



E31C37



1CE3C8

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.



008CEA



E31C37



00906F

Square

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



E31C37



4B8300



0090B5



5D63EF

Rectangle

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



E31C37



A36800



0090B5



0084FD

Sweetspot

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



E31C37



FFBDC6



C51CE3



80585D



000000



808080

Same Dimension

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



E31C37



FF0023



E3621C



736769



B30018



330007

Inverse Universe

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



E31C37



FF0023



1C9DE3



736769



B30018



330007

Previews

White Background



This preview shows how the Hex color E31C37 looks on a white background.

Color Contrast Check

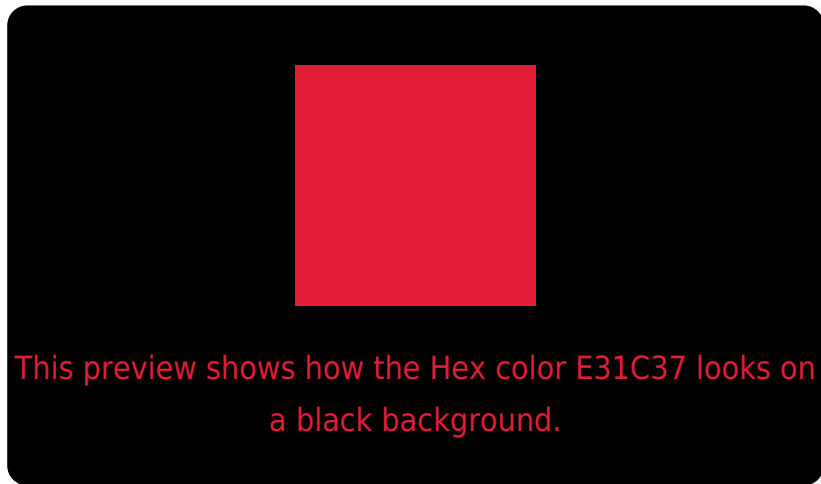
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31C37 Background



This preview shows how black text looks on a background with the Hex color E31C37.



This preview shows how white text looks on a background with the Hex color E31C37.

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
E31C37

Protanopia
7E7551

Deuteranopia
926F2A



Tritanopia
E2221F

Trichromacy



Original Color
E31C37

Protanomaly
A35548

Deuteranomaly
AF512F

Tritanomaly
E22028

Monochromacy



Original Color
E31C37

Achromatopsia
5B5B5B

Achromatomaly
8C444E

CSS Examples

Text

The CSS property to change the color of the text to Hex E31C37 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 #E31C37 looks like.

```
.text, #text, p{  
    color:#E31C37  
}
```

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 #E31C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31C37
}
```

Border

The CSS property to change the border of an element to Hex E31C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

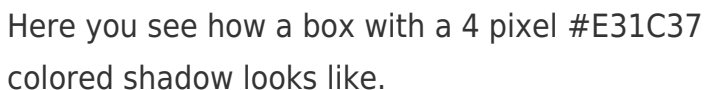
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E31C37 }
```

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

```
.border{ border-color:#E31C37 }
```

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



Here you see how a box with a 4 pixel `#E31C37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31C37; -webkit-box-shadow:4px 4px  
4px 4px #E31C37; box-shadow:4px 4px 4px  
4px #E31C37 }
```

Background

The CSS property to change the background color of an element to Hex E31C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31C37 }
```

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

```
.background{ background-color:#E31C37 }
```

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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