

Converting Colors

Hex(E31C22)

Have a look what the booklet for
Hex(E31C22) contains.

Hex(E31C22)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E31C22)

Conversions

Conversions Part 1

Format	Color
Hex	E31C22
RGB	227, 28, 34
RGB Percent	89%, 11%, 13%
CMY	0.1098, 0.8902, 0.8667
CMYK	0.00, 0.88, 0.85, 0.11
HSL	358°, 78%, 50%
HSV	358°, 88%, 89%
XYZ	32.3825, 17.2769, 3.1414
YIQ	88.1850, 116.6780, 44.0540

Conversions

Conversions Part 2

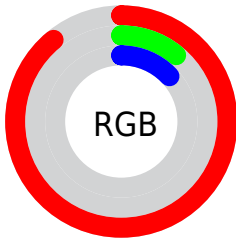
Format	Color
RYB	227, 28, 34
Decimal	14883874
CIELab	48.61, 70.74, 50.05
CIElCh	49, 86.653, 35.281
Yxy	17.2769, 0.6133, 0.3272
Android (android.graphics.Color)	4293073954 (0xFFE31C22)
YUV	88.1850, -26.7132, 121.7408
Hunter-Lab	41.5655, 66.3249, 24.6149

Details

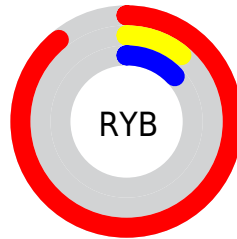
The Hex color **E31C22** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1CE3DD**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6351**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E3050C**, and if you desaturate by 10%, it is **E33338**.

Distribution



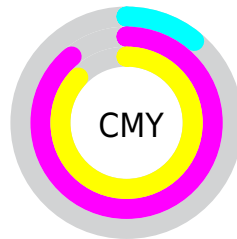
- Red (89%)
- Green (11%)
- Blue (13%)



- Red (89%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (85%)
- Black (11%)



- Cyan (11%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E31C22 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 E31C22 by changing the saturation by 10% instead.

 E31C22

 E31C22

FFFFFF

 C2000B

 FF6351

 A20000

 FF816A

 810000

 FF9E83

 620001

 FFBC9E

 450003

 FFD9B9

 230001

 FFF7D5

 000000

 FFFFF2

 E31C22

 E31C22

 E3050C

 E33338

 E30007

 E3494E

 E36064

 E3777A

 E38E90

 E3A4A6

 E3BBBC

 E3D2D2

 E3E8E8

Harmonies

Analogous

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



EE006A



E31C22



BC5700

Triad

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



E31C22



008D30



007AFF

Complementary

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



E31C22



1CE3DD

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.



008BFA



E31C22



00917F

Square

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



E31C22



2A8600



0091C7



7B58ED

Rectangle

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



E31C22



976D00



0091C7



0081FF

Sweetspot

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



E31C22



FFBDBF



DC1CE3



805859



000000



808080

Same Dimension

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



E31C22



FF0008



E3791C



736768



B30005



330002

Inverse Universe

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



E31C22



FF0008



1C86E3



736768



B30005



330002

Previews

White Background



This preview shows how the Hex color E31C22 looks on a white background.

Color Contrast Check

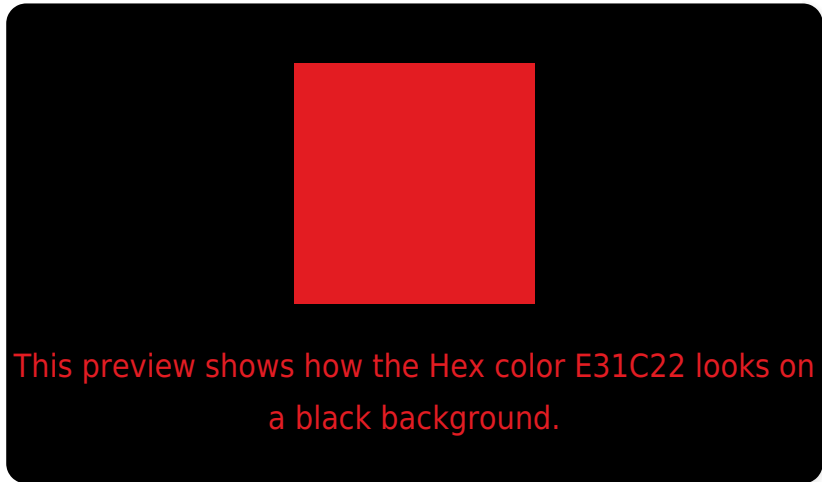
Large Text (above 18pt) WCAG AA ✓ Pass

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 E31C22 Background



This preview shows how black text looks on a background with the Hex color E31C22.



This preview shows how white text looks on a background with the Hex color E31C22.

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
E31C22

Protanopia
817536

Deuteranopia
936E00



Tritanopia
E31D19

Trichromacy



Original Color
E31C22

Protanomaly
A5552F

Deuteranomaly
B0500C

Tritanomaly
E31D1C

Monochromacy



Original Color
E31C22

Achromatopsia
585858

Achromatomaly
8B4244

CSS Examples

Text

The CSS property to change the color of the text to Hex E31C22 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 #E31C22 looks like.

```
.text, #text, p{  
    color:#E31C22  
}
```

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 #E31C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E31C22
}
```

Border

The CSS property to change the border of an element to Hex E31C22 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".

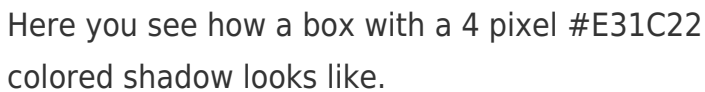
```
.border, #border, table{ border:4px solid
#E31C22 }
```

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

```
.border{ border-color:#E31C22 }
```

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

Here you see how a box with a 4 pixel #E31C22 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E31C22; -webkit-box-shadow:4px 4px  
4px 4px #E31C22; box-shadow:4px 4px 4px  
4px #E31C22 }
```

Background

The CSS property to change the background color of an element to Hex E31C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E31C22 }
```

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

```
.background{ background-color:#E31C22 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor