

Converting Colors

Hex(E33131)

Have a look what the booklet for
Hex(E33131) contains.

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Color

Hex(E33131)

Conversions

Conversions Part 1

Format	Color
Hex	E33131
RGB	227, 49, 49
RGB Percent	89%, 19%, 19%
CMY	0.1098, 0.8078, 0.8078
CMYK	0.00, 0.78, 0.78, 0.11
HSL	0°, 76%, 54%
HSV	0°, 78%, 89%
XYZ	33.3312, 18.7493, 4.7679
YIQ	102.2220, 106.0880, 37.7360

Conversions

Conversions Part 2

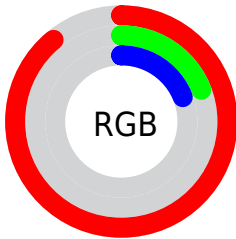
Format	Color
R_{YB}	227, 49, 49
Decimal	14889265
CIE _{Lab}	50.39, 66.42, 43.98
CIE _{LCh}	50, 79.657, 33.508
Yxy	18.7493, 0.5863, 0.3298
Android (android.graphics.Color)	4293079345 (0xFFE33131)
YUV	102.2220, -26.2384, 109.4303
Hunter-Lab	43.3004, 61.6277, 23.7817

Details

The Hex color **E33131** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **31E3E3**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F60**, and **A30004** is the 20% darker color. If you saturate the color by 10%, you get **E31A1A**, and if you desaturate by 10%, it is **E34848**.

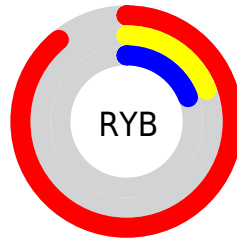
Distribution



Red (89%)

Green (19%)

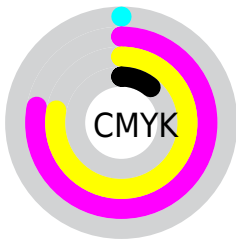
Blue (19%)



Red (89%)

Yellow (19%)

Blue (19%)

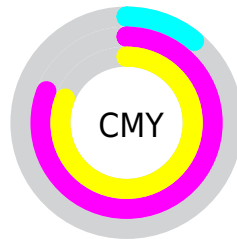


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33131 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 E33131 by changing the saturation by 10% instead.

 E33131

 E33131

FFFFFF

 C3001B

 FF6F60

 A30004

 FF8C7A

 830000

 FFA994

 630000

 FFC6AE

 470003

 FFE4CA

 260001

 FFFFE6

 000000

 E33131

 E33131

 E31A1A

 E34848

 E30404

 E35E5E

 E30000

 E37575

 E38C8C

 E3A3A3

 E3B9B9

 E3D0D0

 E3E7E7

 E3FDFD

Harmonies

Analogous

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



EB0073



E33131



C05C00

Triad

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



E33131



009136



007FFF

Complementary

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



E33131



31E3E3

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.



008EF2



E33131



00947E

Square

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



E33131



428800



0094C2



7B61EB

Rectangle

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



E33131



9E7000



0094C2



0085FF

Sweetspot

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



E33131



FFC2C2



E331E3



805B5B



000000



808080

Same Dimension

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



E33131



FF0F0F



E38A31



736767



B30000



330000

Inverse Universe

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



31E3E3



0FFFFFF



318AE3



677373



00B3B3



003333

Previews

White Background



This preview shows how the Hex color E33131 looks on a white 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

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 E33131 Background



This preview shows how black text looks on a background with the Hex color E33131.



This preview shows how white text looks on a background with the Hex color E33131.

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
E33131

Protanopia
847946

Deuteranopia
977223



Tritanopia
E33131

Trichromacy



Original Color
E33131

Protanomaly
A75F3E

Deuteranomaly
B35A28

Tritanomaly
E33131

Monochromacy



Original Color
E33131

Achromatopsia
666666

Achromatomaly
935353

CSS Examples

Text

The CSS property to change the color of the text to Hex E33131 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 #E33131 looks like.

```
.text, #text, p{  
    color:#E33131  
}
```

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 #E33131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33131
}
```

Border

The CSS property to change the border of an element to Hex E33131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

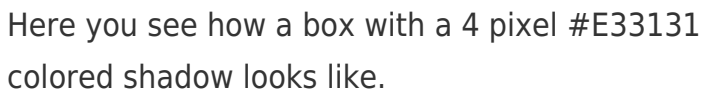
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E33131 }
```

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

```
.border{ border-color:#E33131 }
```

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



Here you see how a box with a 4 pixel `#E33131` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33131; -webkit-box-shadow:4px 4px  
4px 4px #E33131; box-shadow:4px 4px 4px  
4px #E33131 }
```

Background

The CSS property to change the background color of an element to Hex E33131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33131 }
```

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

```
.background{ background-color:#E33131 }
```

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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