

Converting Colors

Hex(CE3133)

Have a look what the booklet for
Hex(CE3133) contains.

Hex(CE3133)	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(CE3133)

Conversions

Conversions Part 1

Format	Color
Hex	CE3133
RGB	206, 49, 51
RGB Percent	81%, 19%, 20%
CMY	0.1922, 0.8078, 0.8000
CMYK	0.00, 0.76, 0.75, 0.19
HSL	359°, 62%, 50%
HSV	359°, 76%, 81%
XYZ	27.1495, 15.5575, 4.7039
YIQ	96.1710, 92.9300, 33.9060

Conversions

Conversions Part 2

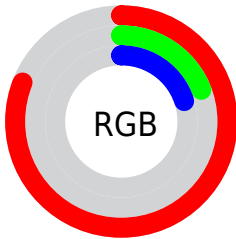
Format	Color
R _Y B	206, 49, 51
Decimal	13513011
CIE Lab	46.39, 60.37, 37.39
CIE LCh	46, 71.013, 31.770
Yxy	15.5575, 0.5726, 0.3281
Android (android.graphics.Color)	4291703091 (0xFFCE3133)
YUV	96.1710, -22.2693, 96.3200
Hunter-Lab	39.4429, 53.8404, 20.5392

Details

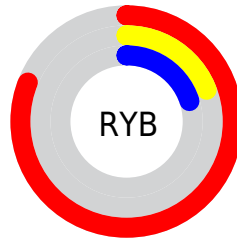
The Hex color **CE3133** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31CECC**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6C62**, and **8F0007** is the 20% darker color. If you saturate the color by 10%, you get **CE1C1F**, and if you desaturate by 10%, it is **CE4647**.

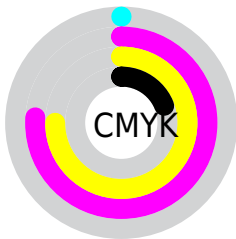
Distribution



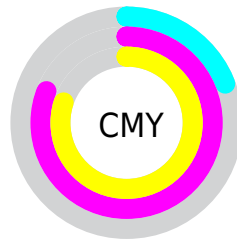
- Red (81%)
- Green (19%)
- Blue (20%)



- Red (81%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (76%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE3133 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 CE3133 by changing the saturation by 10% instead.

 CE3133

 CE3133

FFFFFF

 AE031D

 FF6C62

 8F0007

 FF887B

 710000

 FFA595

 520001

 FFC1B0

 360002

 FFDFCB

 040000

 FFFCE8

 000000

 CE3133

 CE3133

 CE1C1F

 CE4647

 CE080A

 CE5A5C

 CE0003

 CE6F70

 CE8384

 CE9899

 CEADAD

 CEC1C1

 CED6D6

 CEEAEA

Harmonies

Analogous

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



D3186D



CE3133



B05400

Triad

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



CE3133



008431



0075E7

Complementary

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



CE3133



31CECC

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.



0082D7



CE3133



008770

Square

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



CE3133



457C00



0087AC



6B5CD4

Rectangle

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



CE3133



936600



0087AC



007AE5

Sweetspot

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



CE3133



FFC4C5



CB31CE



805C5C



000000



808080

Same Dimension

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



CE3133



FF171A



CE7D31



665C5C



A60002



260000

Inverse Universe

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



CE3133



FF171A



3182CE



665C5C



A60002



260000

Previews

White Background



This preview shows how the Hex color CE3133 looks on a white background.

Color Contrast Check

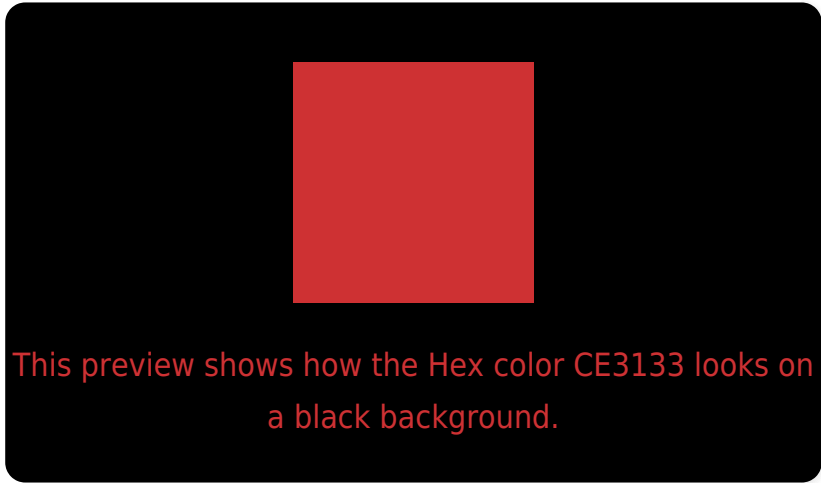
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE3133 Background



This preview shows how black text looks on a background with the Hex color CE3133.

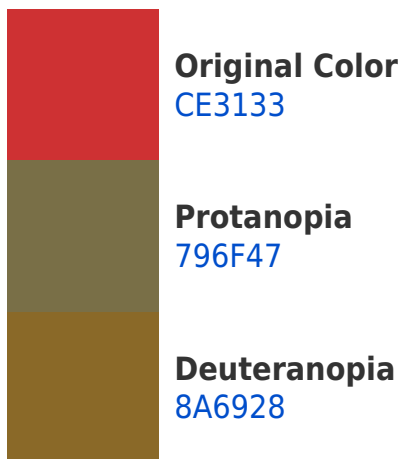


This preview shows how white text looks on a background with the Hex color CE3133.

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



Trichromacy



Original Color
CE3133

Protanomaly
985840

Deuteranomaly
A3552C

Tritanomaly
CE3132

Monochromacy



Original Color
CE3133

Achromatopsia
606060

Achromatomaly
884F50

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3133 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 #CE3133 looks like.

```
.text, #text, p{  
    color:#CE3133  
}
```

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 #CE3133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3133
}
```

Border

The CSS property to change the border of an element to Hex CE3133 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
#CE3133 }
```

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

```
.border{ border-color:#CE3133 }
```

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

Here you see how a box with a 4 pixel #CE3133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3133; -webkit-box-shadow:4px 4px  
4px 4px #CE3133; box-shadow:4px 4px 4px  
4px #CE3133 }
```

Background

The CSS property to change the background color of an element to Hex CE3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3133 }
```

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

```
.background{ background-color:#CE3133 }
```

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