

Converting Colors

Hex(CE3131)

Have a look what the booklet for
Hex(CE3131) contains.

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Color

Hex(CE3131)

Conversions

Conversions Part 1

Format	Color
Hex	CE3131
RGB	206, 49, 49
RGB Percent	81%, 19%, 19%
CMY	0.1922, 0.8078, 0.8078
CMYK	0.00, 0.76, 0.76, 0.19
HSL	0°, 62%, 50%
HSV	0°, 76%, 81%
XYZ	27.1063, 15.5402, 4.4766
YIQ	95.9430, 93.5720, 33.2840

Conversions

Conversions Part 2

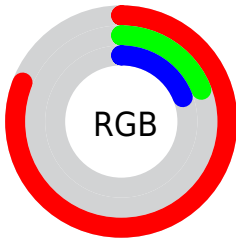
Format	Color
R_{YB}	206, 49, 49
Decimal	13513009
CIE _{Lab}	46.37, 60.30, 38.50
CIE _{LCh}	46, 71.540, 32.557
Yxy	15.5402, 0.5752, 0.3298
Android (android.graphics.Color)	4291703089 (0xFFCE3131)
YUV	95.9430, -23.1429, 96.5200
Hunter-Lab	39.4210, 53.7515, 20.8618

Details

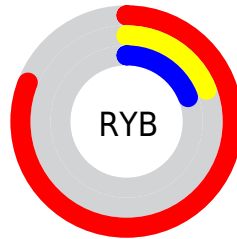
The Hex color **CE3131** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31CECE**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6C60**, and **8F0004** is the 20% darker color. If you saturate the color by 10%, you get **CE1C1C**, and if you desaturate by 10%, it is **CE4646**.

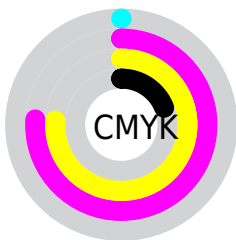
Distribution



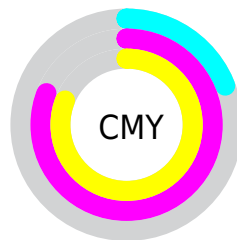
- Red (81%)
- Green (19%)
- Blue (19%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color CE3131 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 CE3131 by changing the saturation by 10% instead.

 CE3131

 CE3131

FFFFFF

 AE031B

 FF6C60

 8F0004

 FF8879

 700000

 FFA593

 520001

 FFC1AE

 350002

 FFDFC9

 040000

 FFFCE5

 000000

 CE3131

 CE3131

 CE1C1C

 CE4646

 CE0808

 CE5A5A

 CE0000

 CE6F6F

 CE8383

 CE9898

 CEADAD

 CEC1C1

 CED6D6

 CEEAEA

Harmonies

Analogous

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



D4156B



CE3131



B05400

Triad

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



CE3131



008432



0074E7

Complementary

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



CE3131



31CECE

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.



0082D9



CE3131



008772

Square

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



CE3131



427C00



0087AD



6E5BD4

Rectangle

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



CE3131



926600



0087AD



007AE6

Sweetspot

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



CE3131



FFC4C4



CE31CE



805C5C



000000



808080

Same Dimension

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



CE3131



FF1717



CE8031



665C5C



A60000



260000

Inverse Universe

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



31CECE



17FFFF



3180CE



5C6666



00A6A6



002626

Previews

White Background



This preview shows how the Hex color CE3131 looks on a white background.

Color Contrast Check

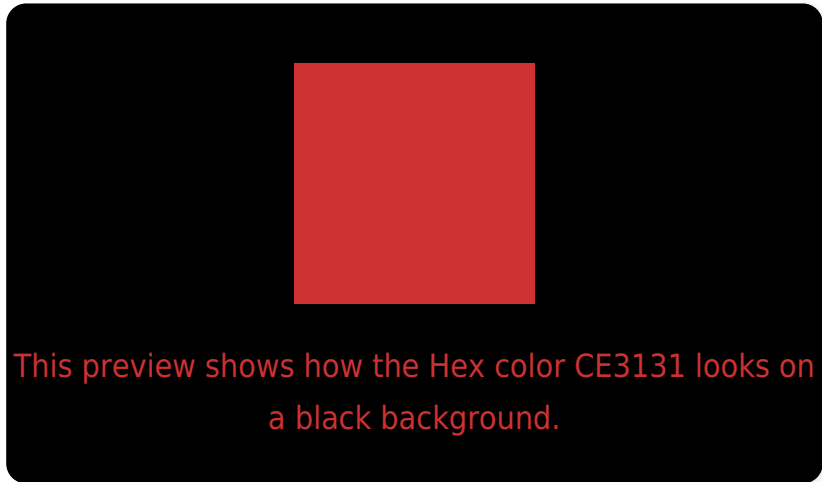
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE3131 Background



This preview shows how black text looks on a background with the Hex color CE3131.



This preview shows how white text looks on a background with the Hex color CE3131.

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
CE3131

Protanopia
796F44

Deuteranopia
8A6926

Trichromacy



Original Color
CE3131

Protanomaly
98583D

Deuteranomaly
A3552A

Tritanomaly
CE3132

Monochromacy



Original Color
CE3131

Achromatopsia
606060

Achromatomaly
884F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex CE3131 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 #CE3131 looks like.

```
.text, #text, p{  
    color:#CE3131  
}
```

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 #CE3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE3131
}
```

Border

The CSS property to change the border of an element to Hex CE3131 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
#CE3131 }
```

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

```
.border{ border-color:#CE3131 }
```

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

Here you see how a box with a 4 pixel #CE3131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE3131; -webkit-box-shadow:4px 4px  
4px 4px #CE3131; box-shadow:4px 4px 4px  
4px #CE3131 }
```

Background

The CSS property to change the background color of an element to Hex CE3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE3131 }
```

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

```
.background{ background-color:#CE3131 }
```

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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