

Converting Colors

Hex(C33133)

Have a look what the booklet for
Hex(C33133) contains.

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Color

Hex(C33133)

Conversions

Conversions Part 1

Format	Color
Hex	C33133
RGB	195, 49, 51
RGB Percent	76%, 19%, 20%
CMY	0.2353, 0.8078, 0.8000
CMYK	0.00, 0.75, 0.74, 0.24
HSL	359°, 60%, 48%
HSV	359°, 75%, 76%
XYZ	24.2015, 14.0377, 4.5660
YIQ	92.8820, 86.3740, 31.5740

Conversions

Conversions Part 2

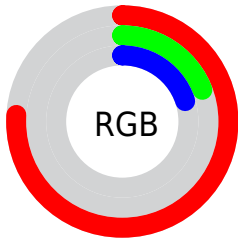
Format	Color
R_{YB}	195, 49, 51
Decimal	12792115
CIE _{Lab}	44.29, 57.05, 34.46
CIE _{LCh}	44, 66.652, 31.131
Yxy	14.0377, 0.5654, 0.3279
Android (android.graphics.Color)	4290982195 (0xFFC33133)
YUV	92.8820, -20.6478, 89.5575
Hunter-Lab	37.4670, 49.7336, 19.0014

Details

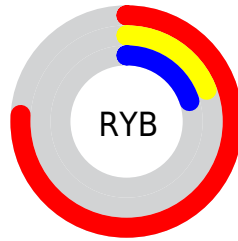
The Hex color **C33133** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31C3C1**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6B62**, and **850007** is the 20% darker color. If you saturate the color by 10%, you get **C31D20**, and if you desaturate by 10%, it is **C34446**.

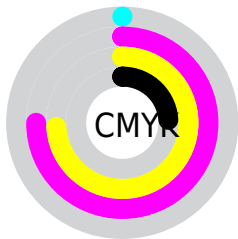
Distribution



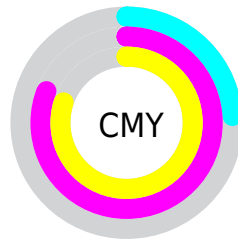
- Red (76%)
- Green (19%)
- Blue (20%)



- Red (76%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C33133 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 C33133 by changing the saturation by 10% instead.

 C33133

 C33133

FFFFFF

 A4081D

 FF6B62

 850007

 FF867B

 670000

 FFA395

 490001

 FFBF00

 2C0001

 FFDCCB

 000000

 FFFAE7

 C33133

 C33133

 C31D20

 C34446

 C30A0D

 C35859

 C30003

 C36C6D

 C37F80

 C39393

 C3A6A6

 C3B9BA

 C3CDCD

 C3E0E0

Harmonies

Analogous

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



C71E69



C33133



A85000

Triad

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



C33133



007D2F



006FD9

Complementary

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



C33133



31C3C1

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.



007CCA



C33133



008069

Square

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



C33133



457600



0080A1



6559C9

Rectangle

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



C33133



8D6100



0080A1



0075D7

Sweetspot

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



C33133



FCC5C6



C131C3



805E5F



000000



808080

Same Dimension

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



C33133



FC191C



C37831



615757



A10002



210000

Inverse Universe

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



C33133



FC191C



317CC3



615757



A10002



210000

Previews

White Background



This preview shows how the Hex color C33133 looks on a white background.

Color Contrast Check

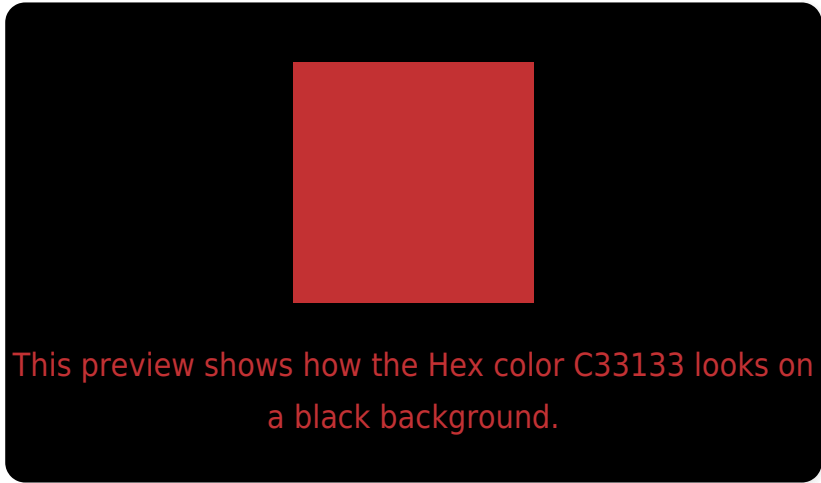
Large Text (above 18pt) WCAG AA ✓ Pass

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 C33133 Background



This preview shows how black text looks on a background with the Hex color C33133.



This preview shows how white text looks on a background with the Hex color C33133.

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
C33133

Protanopia
736A46

Deuteranopia
83642A

Trichromacy



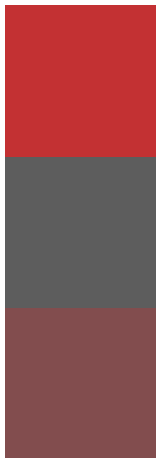
Original Color
C33133

Protanomaly
90553F

Deuteranomaly
9A512D

Tritanomaly
C33133

Monochromacy



Original Color
C33133

Achromatopsia
5D5D5D

Achromatomaly
824D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex C33133 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 #C33133 looks like.

```
.text, #text, p{  
    color:#C33133  
}
```

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 #C33133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C33133 }  
}
```

Border

The CSS property to change the border of an element to Hex C33133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

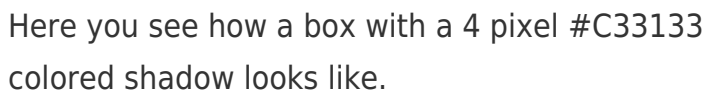
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C33133 }  
}
```

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

```
.border{ border-color:#C33133 }
```

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



Here you see how a box with a 4 pixel `#C33133` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C33133; -webkit-box-shadow:4px 4px  
4px 4px #C33133; box-shadow:4px 4px 4px  
4px #C33133 }
```

Background

The CSS property to change the background color of an element to Hex C33133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C33133 }
```

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

```
.background{ background-color:#C33133 }
```

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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