

# Converting Colors

Hex(C1332C)

Have a look what the booklet for  
Hex(C1332C) contains.

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**Color**

**Hex(C1332C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1332C
RGB	193, 51, 44
RGB Percent	76%, 20%, 17%
CMY	0.2431, 0.8000, 0.8275
CMYK	0.00, 0.74, 0.77, 0.24
HSL	3°, 63%, 46%
HSV	3°, 77%, 76%
XYZ	23.6308, 13.8870, 3.8178
YIQ	92.6600, 86.8790, 27.9270

# Conversions

## Conversions Part 2

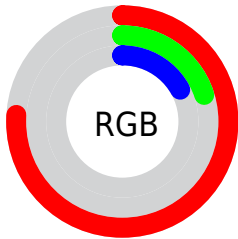
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 51, 44</a>
Decimal	<a href="#">12661548</a>
CIELab	<a href="#">44.07, 55.48, 38.11</a>
CIElCh	<a href="#">44, 67.305, 34.486</a>
Yxy	<a href="#">13.8870, 0.5717, 0.3360</a>
Android (android.graphics.Color)	<a href="#">4290851628 (0xFFC1332C)</a>
YUV	<a href="#">92.6600, -23.9894, 87.9982</a>
Hunter-Lab	<a href="#">37.2652, 47.9770, 20.0114</a>

# Details

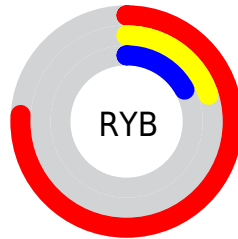
The Hex color **C1332C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2CBAC1**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6C5B**, and **830000** is the 20% darker color. If you saturate the color by 10%, you get **C12119**, and if you desaturate by 10%, it is **C1453F**.

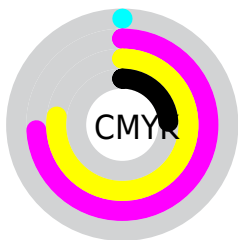
# Distribution



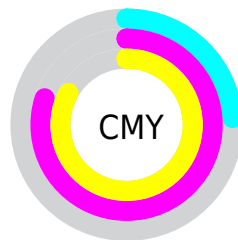
- Red (76%)
- Green (20%)
- Blue (17%)



- Red (76%)
- Yellow (20%)
- Blue (17%)



- Cyan (0%)
- Magenta (74%)
- Yellow (77%)
- Black (24%)



- Cyan (24%)
- Magenta (80%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1332C 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 C1332C by changing the saturation by 10% instead.



 C1332C

 C1332C

FFFFFF

 A20E16

 FF6C5B

 830000

 FF8773

 650000

 FFA38D

 470001

 FFC0A8

 2B0001

 FFDDC3

 000000

 FFFADF

 FFFFFC

 C1332C

 C1332C

 C12119

 C1453F

 C10E05

 C15853

 C10900

 C16A66

 C17D79

 C18F8D

 C1A1A0

 C1B4B3

 C1C6C6

 C1D9DA

# Harmonies

## Analogous

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



C81A62



C1332C



A45200

# Triad

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



C1332C



007D34



006DD9

# Complementary

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



C1332C



2CBAC1

# 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.



007ACE



C1332C



00806F

# Square

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



C1332C



3B7600



0080A7



6F55C6

# Rectangle

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



C1332C



876200



0080A7



0073D9



# Sweetspot

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



C1332C



FAC3C0



C12CBC



7D5C5A



FCFCFC



7D7D7D



# Same Dimension

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



C1332C



FA1C11



C17B2C



615857



A10800



210200



# Inverse Universe

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



2CBAC1



11EFFA



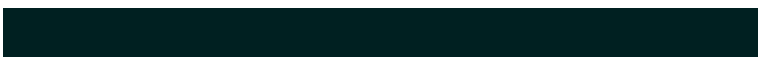
2C72C1



576061



0099A1



002021



# Previews

## White Background



This preview shows how the Hex color C1332C looks on a white background.

## Color Contrast Check

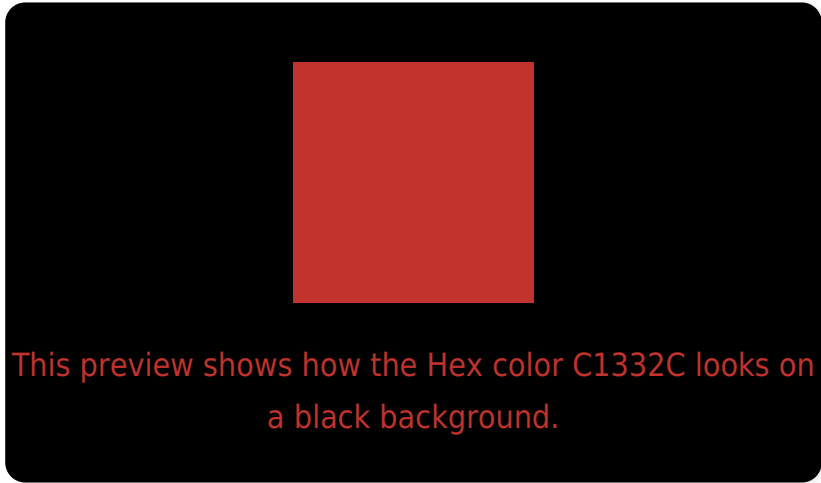
Large Text (above 18pt) WCAG AA ✓ Pass

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 C1332C Background



This preview shows how black text looks on a background with the Hex color C1332C.




This preview shows how white text looks on a background with the Hex color C1332C.

# 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](#).

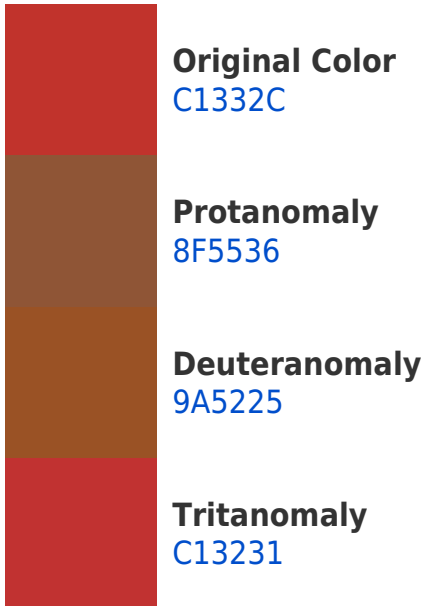
## Dichromacy



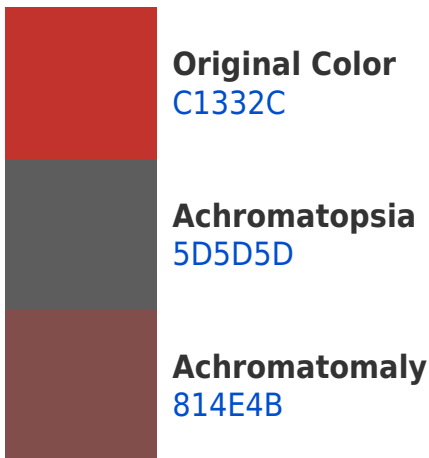


**Tritanopia**  
C13234

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1332C 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 #C1332C looks like.

```
.text, #text, p{  
    color:#C1332C  
}
```

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 #C1332C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1332C
}
```

## Border

The CSS property to change the border of an element to Hex C1332C is called "border". The border property can be set on classes, ids or directly on the HTML element.

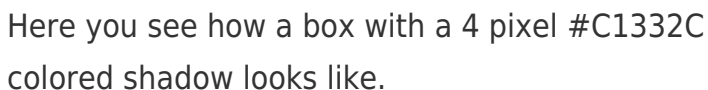
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C1332C }
```

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

```
.border{ border-color:#C1332C }
```

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



Here you see how a box with a 4 pixel #C1332C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1332C; -webkit-box-shadow:4px 4px  
4px 4px #C1332C; box-shadow:4px 4px 4px  
4px #C1332C }
```

# Background

The CSS property to change the background color of an element to Hex C1332C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1332C }
```

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

```
.background{ background-color:#C1332C }
```

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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