

# Converting Colors

Hex(833434)

Have a look what the booklet for  
Hex(833434) contains.

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**Color**

**Hex(833434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833434
RGB	131, 52, 52
RGB Percent	51%, 20%, 20%
CMY	0.4863, 0.7961, 0.7961
CMYK	0.00, 0.60, 0.60, 0.49
HSL	0°, 43%, 36%
HSV	0°, 60%, 51%
XYZ	11.2079, 7.5292, 4.1114
YIQ	75.6210, 47.0840, 16.7480

# Conversions

## Conversions Part 2

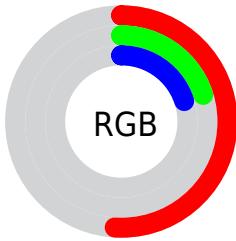
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 52, 52
Decimal	8598580
CIE <sub>Lab</sub>	32.98, 34.06, 17.36
CIE <sub>LCh</sub>	33, 38.223, 27.004
Yxy	7.5292, 0.4905, 0.3295
Android (android.graphics.Color)	4286788660 (0xFF833434)
YUV	75.6210, -11.6452, 48.5674
Hunter-Lab	27.4394, 24.8911, 10.3239

# Details

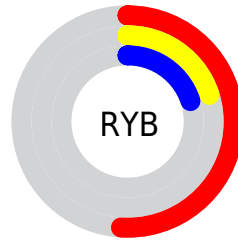
The Hex color **833434** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **348383**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **BC6662**, and **4D0007** is the 20% darker color. If you saturate the color by 10%, you get **832727**, and if you desaturate by 10%, it is **834141**.

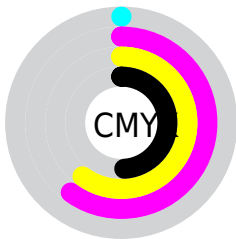
# Distribution



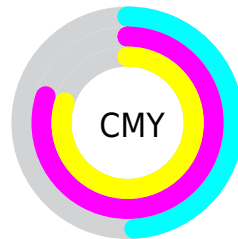
- Red (51%)
- Green (20%)
- Blue (20%)



- Red (51%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833434 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 833434 by changing the saturation by 10% instead.



 833434

 833434

FFFFFF

 671B1F

 BC6662

 4D0007

 D9807B

 330000

 F79A95

 0A0000

 FFB6B0

 000000

 FFD2CB

 FFEED7

 833434

 833434

 832727

 834141

 831A1A

 834E4E

 830D0D

 835B5B

 830000

 836868

 837676

 838383

 839090

 839D9D

 83AAAA

# Harmonies

## Analogous

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



823152



833434



763F1A

# Triad

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



833434



16592B



00528A

# Complementary

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



833434



348383

# 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.



005980



833434



005C49

# Square

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



833434



425412



005C68



484784

# Rectangle

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



833434



68470E



005C68



005588



# Sweetspot

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



833434



AB8C8C



833483



574444



D6D6D6



575757



# Same Dimension

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



833434



AB3030



835B34



423C3C



820000



030000



# Inverse Universe

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



348383



30ABAB



345B83



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 833434 looks on a white background.

## Color Contrast Check

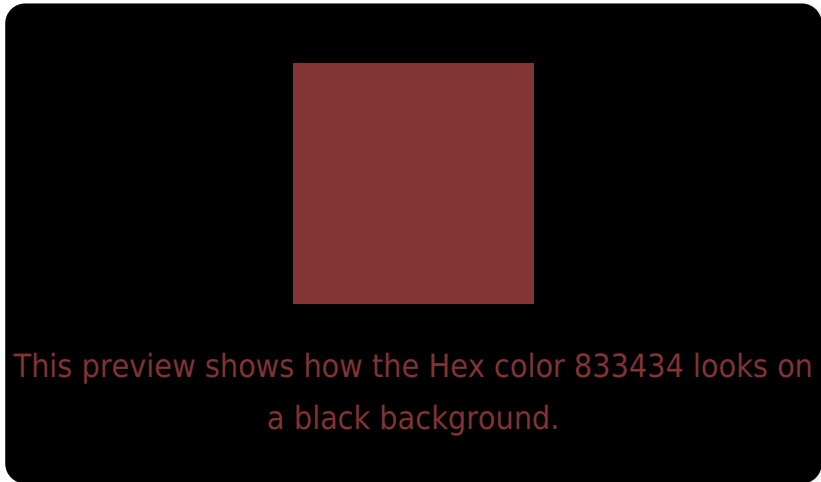
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 833434 Background



This preview shows how black text looks on a background with the Hex color 833434.



This preview shows how white text looks on a background with the Hex color 833434.

# 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**  
833434

**Protanopia**  
534E3F

**Deuteranopia**  
5F4B30



**Tritanopia**  
833437

# Trichromacy



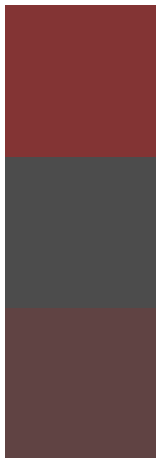
**Original Color**  
833434

**Protanomaly**  
64453B

**Deuteranomaly**  
6C4331

**Tritanomaly**  
833436

# Monochromacy



**Original Color**  
833434

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
604343

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833434 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 #833434 looks like.

```
.text, #text, p{  
    color:#833434  
}
```

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 #833434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833434
}
```

## Border

The CSS property to change the border of an element to Hex 833434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

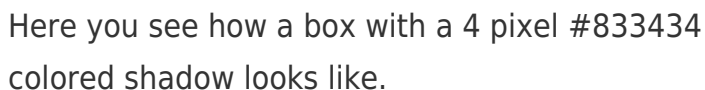
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833434 }
```

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

```
.border{ border-color:#833434 }
```

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



Here you see how a box with a 4 pixel #833434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833434; -webkit-box-shadow:4px 4px  
4px 4px #833434; box-shadow:4px 4px 4px  
4px #833434 }
```

# Background

The CSS property to change the background color of an element to Hex 833434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833434 }
```

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

```
.background{ background-color:#833434 }
```

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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