

Converting Colors

Hex(833536)

Have a look what the booklet for
Hex(833536) contains.

Hex(833536)	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(833536)

Conversions

Conversions Part 1

Format	Color
Hex	833536
RGB	131, 53, 54
RGB Percent	51%, 21%, 21%
CMY	0.4863, 0.7922, 0.7882
CMYK	0.00, 0.60, 0.59, 0.49
HSL	359°, 42%, 36%
HSV	359°, 60%, 51%
XYZ	11.2990, 7.6378, 4.3688
YIQ	76.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

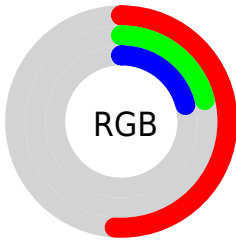
Format	Color
R_{YB}	131, 53, 54
Decimal	8598838
CIE _{Lab}	33.22, 33.71, 16.39
CIE _{LCh}	33, 37.481, 25.927
Yxy	7.6378, 0.4848, 0.3277
Android (android.graphics.Color)	4286788918 (0xFF833536)
YUV	76.4360, -11.0609, 47.8526
Hunter-Lab	27.6366, 24.6142, 9.9732

Details

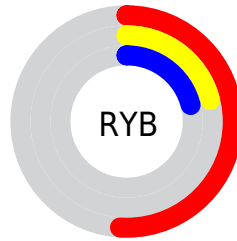
The Hex color **833536** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **358382**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **BC6765**, and **4D010B** is the 20% darker color. If you saturate the color by 10%, you get **832829**, and if you desaturate by 10%, it is **834243**.

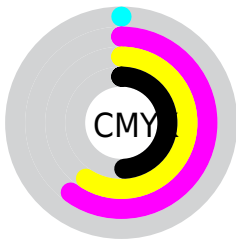
Distribution



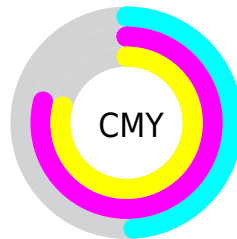
- Red (51%)
- Green (21%)
- Blue (21%)



- Red (51%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833536 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 833536 by changing the saturation by 10% instead.

 833536

 833536

FFFFFF

 671C21

 BC6765

 4D010B

 D9817E

 330000

 F79B97

 0C0000

 FFB7B2

 000000

 FFD3CE

 FFEFEA


 833536

 833536

 832829

 834243

 831B1C

 834F50

 830E0F

 835C5D

 830102

 83696A

 830002

 837777

 838484

 839191

 839E9D

 83ABAA

Harmonies

Analogous

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



813353



833536



77401D

Triad

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



833536



1B592B



005389

Complementary

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



833536



358382

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.



00597F



833536



005C49

Square

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



833536



445414



005C67



474884

Rectangle

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



833536



694811



005C67



005587

Sweetspot

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



833536



AB8C8C



823583



574444



D6D6D6



575757

Same Dimension

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



833536



AB3233



835B35



423C3C



820002



030000

Inverse Universe

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



833536



AB3233



355D83



423C3C



820002



030000

Previews

White Background



This preview shows how the Hex color 833536 looks on a white background.

Color Contrast Check

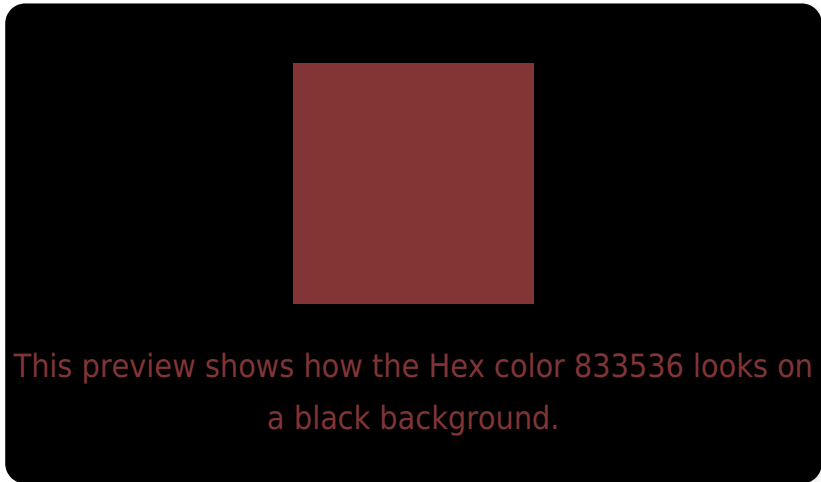
Large Text (above 18pt) WCAG AA ✓ Pass

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 833536 Background



This preview shows how black text looks on a background with the Hex color 833536.

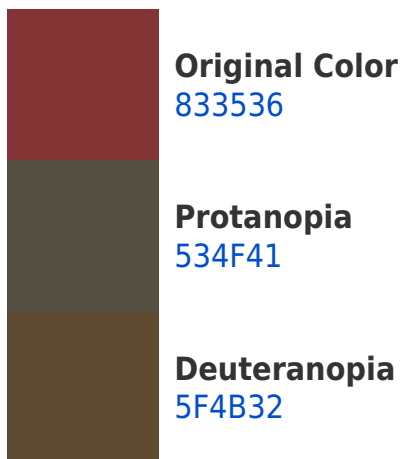



This preview shows how white text looks on a background with the Hex color 833536.

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
833538

Trichromacy



Original Color
833536

Protanomaly
64463D

Deuteranomaly
6C4333

Tritanomaly
833537

Monochromacy



Original Color
833536

Achromatopsia
4C4C4C

Achromatomaly
604444

CSS Examples

Text

The CSS property to change the color of the text to Hex 833536 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 #833536 looks like.

```
.text, #text, p{  
    color:#833536  
}
```

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 #833536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833536
}
```

Border

The CSS property to change the border of an element to Hex 833536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

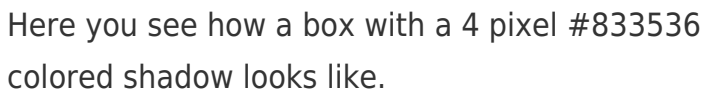
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833536 }
```

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

```
.border{ border-color:#833536 }
```

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



Here you see how a box with a 4 pixel #833536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833536; -webkit-box-shadow:4px 4px  
4px 4px #833536; box-shadow:4px 4px 4px  
4px #833536 }
```

Background

The CSS property to change the background color of an element to Hex 833536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833536 }
```

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

```
.background{ background-color:#833536 }
```

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