

Converting Colors

Hex(833A0D)

Have a look what the booklet for
Hex(833A0D) contains.

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Color

Hex(833A0D)

Conversions

Conversions Part 1

Format	Color
Hex	833A0D
RGB	131, 58, 13
RGB Percent	51%, 23%, 5%
CMY	0.4863, 0.7725, 0.9490
CMYK	0.00, 0.56, 0.90, 0.49
HSL	23°, 82%, 28%
HSV	23°, 90%, 51%
XYZ	10.9458, 7.8805, 1.3249
YIQ	74.6970, 57.9530, 1.4810

Conversions

Conversions Part 2

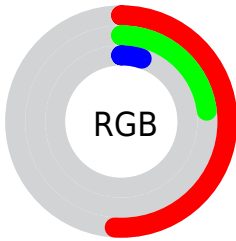
Format	Color
R_{YB}	131, 86, 13
Decimal	8600077
CIE Lab	33.73, 28.90, 39.74
CIE LCh	34, 49.138, 53.981
Yxy	7.8805, 0.5432, 0.3911
Android (android.graphics.Color)	4286790157 (0xFF833A0D)
YUV	74.6970, -30.4166, 49.3777
Hunter-Lab	28.0722, 20.4736, 16.8522

Details

The Hex color **833A0D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D5683**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BE6B3C**, and **4B0A00** is the 20% darker color. If you saturate the color by 10%, you get **833200**, and if you desaturate by 10%, it is **83421A**.

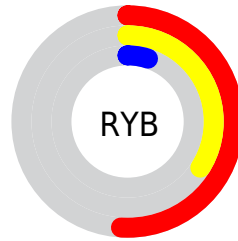
Distribution



Red (51%)

Green (23%)

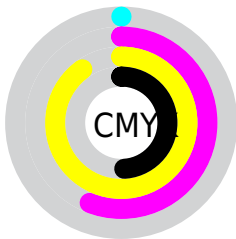
Blue (5%)



Red (51%)

Yellow (34%)

Blue (5%)

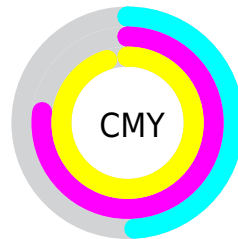


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (49%)



Cyan (49%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833A0D 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 833A0D by changing the saturation by 10% instead.

 833A0D

 833A0D

 FFFFF6

 672200

 BE6B3C

 4B0A00

 DB8555

 300000

 FA9F6E

 050000

 FFBA87

 000000

 FFD6A2

 FFF3BD

 FFFFD9

 833A0D

 833A0D

■ 833200

■ 83421A

■ 834A27

■ 835234

■ 835A41

■ 83634E

■ 836B5C

■ 837369

■ 837B76

■ 838383

Harmonies

Analogous

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



922832



833A0D



674B00

Triad

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



833A0D



006046



3C4897

Complementary

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



833A0D



0D5683

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.



00569D



833A0D



00616E

Square

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



833A0D



005D1D



005E8E



76357E

Rectangle

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



833A0D



505300



005E8E



0A4E9C

Sweetspot

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



833A0D



AB8E7D



830D58



57463B



D6D6D6



575757

Same Dimension

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



833A0D



AB4100



83730D



423E3C



823200



030100

Inverse Universe

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



0D5683



006AAB



0D1D83



3C4042



005082



000203

Previews

White Background



This preview shows how the Hex color 833A0D looks on a white background.

Color Contrast Check

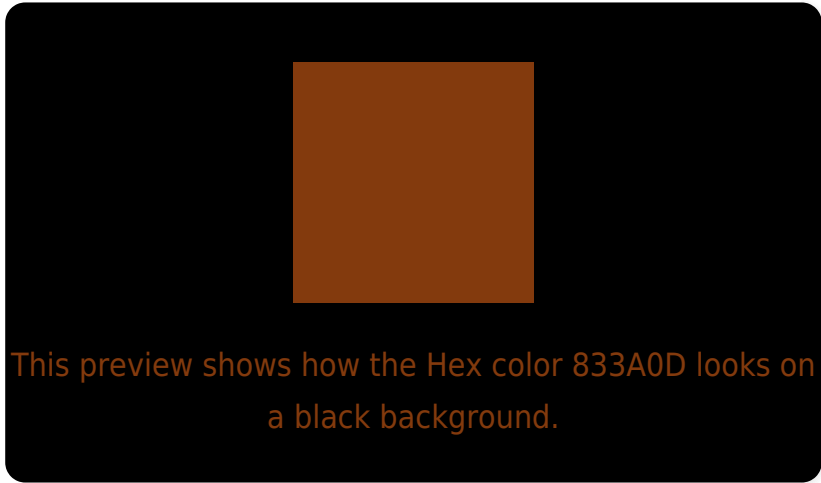
Large Text (above 18pt) WCAG AA ✓ Pass

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

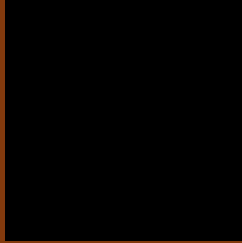
Any Text WCAG AA × Fail

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 833A0D Background



This preview shows how black text looks on a background with the Hex color 833A0D.



This preview shows how white text looks on a background with the Hex color 833A0D.

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
833A0D

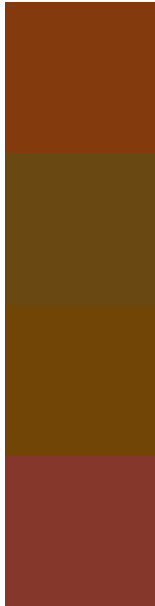
Protanopia
5A5013

Deuteranopia
654C00



Tritanopia
84363A

Trichromacy



Original Color
833A0D

Protanomaly
694811

Deuteranomaly
704505

Tritanomaly
84372A

Monochromacy



Original Color
833A0D

Achromatopsia
4B4B4B

Achromatomaly
5F4534

CSS Examples

Text

The CSS property to change the color of the text to Hex 833A0D 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 #833A0D looks like.

```
.text, #text, p{  
    color:#833A0D  
}
```

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 #833A0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833A0D }
}
```

Border

The CSS property to change the border of an element to Hex 833A0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

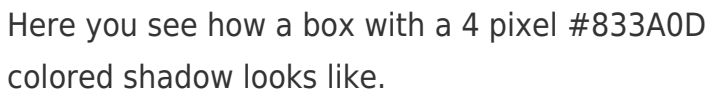
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #833A0D }
}
```

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

```
.border{ border-color:#833A0D }
```

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



Here you see how a box with a 4 pixel #833A0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833A0D; -webkit-box-shadow:4px 4px  
4px 4px #833A0D; box-shadow:4px 4px 4px  
4px #833A0D }
```

Background

The CSS property to change the background color of an element to Hex 833A0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833A0D }
```

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

```
.background{ background-color:#833A0D }
```

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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