

Converting Colors

Hex(C0833B)

Have a look what the booklet for
Hex(C0833B) contains.

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Color

Hex(C0833B)

Conversions

Conversions Part 1

Format	Color
Hex	C0833B
RGB	192, 131, 59
RGB Percent	75%, 51%, 23%
CMY	0.2471, 0.4863, 0.7686
CMYK	0.00, 0.32, 0.69, 0.25
HSL	32°, 53%, 49%
HSV	32°, 69%, 75%
XYZ	30.6439, 27.7548, 7.8798
YIQ	141.0310, 59.4680, -9.4600

Conversions

Conversions Part 2

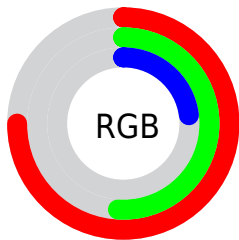
Format	Color
R_{YB}	172, 192, 59
Decimal	12616507
CIE _{Lab}	59.67, 16.70, 47.11
CIE _{LCh}	60, 49.987, 70.481
Yxy	27.7548, 0.4624, 0.4188
Android (android.graphics.Color)	4290806587 (0xFFC0833B)
YUV	141.0310, -40.4413, 44.6998
Hunter-Lab	52.6829, 11.6328, 28.0100

Details

The Hex color **C0833B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3B78C0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FCB86D**, and **865205** is the 20% darker color. If you saturate the color by 10%, you get **C07A28**, and if you desaturate by 10%, it is **C08C4E**.

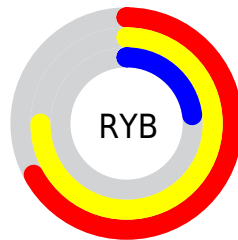
Distribution



Red (75%)

Green (51%)

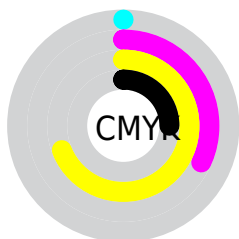
Blue (23%)



Red (67%)

Yellow (75%)

Blue (23%)

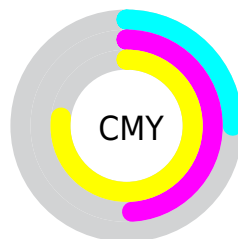


Cyan (0%)

Magenta (32%)

Yellow (69%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0833B 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 C0833B by changing the saturation by 10% instead.



C0833B



C0833B

FFFFFF



A36A22



FCB86D



865205



FFD488



6A3A00



FFF0A3



4F2400



FFFFBE



341000



FFFFDA



1D0001



FFFFF7



000000



C0833B



C0833B



C07A28



C08C4E

 C07115

 C09561

 C06901

 C09D75

 C06800

 C0A688

 C0AF9B

 C0B8AE

 C0C1C1

 C0C9D5

 C0D2E8

Harmonies

Analogous

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



DA7359



C0833B



9A9234

Triad

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



C0833B



00A69E



A77ED3

Complementary

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



C0833B



3B78C0

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.



5D8FE6



C0833B



00A4C8

Square

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



C0833B



17A471



009CE2



D16EAE

Rectangle

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



C0833B



7B9A40



009CE2



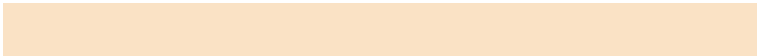
9284DC

Sweetspot

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



C0833B



FAE2C5



C03B79



7D6F5E



FCFCFC



7D7D7D

Same Dimension

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



C0833B



FA9B2A



BCC03B



615C57



A15700



211200

Inverse Universe

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



3B78C0



2A8AFA



3F3BC0



575C61



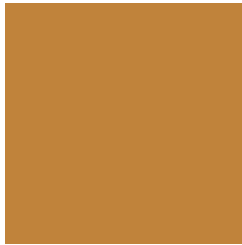
004AA1



000F21

Previews

White Background



This preview shows how the Hex color C0833B looks on a white background.

Color Contrast Check

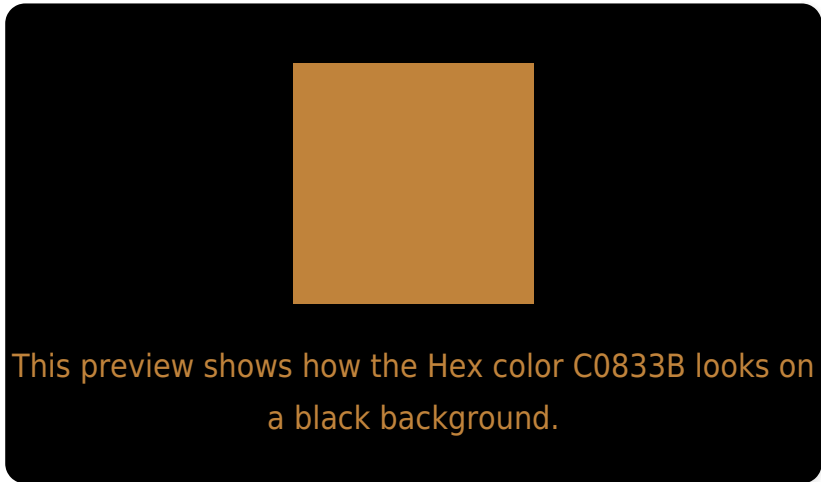
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C0833B Background



This preview shows how black text looks on a background with the Hex color C0833B.



This preview shows how white text looks on a background with the Hex color C0833B.

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
C57B84

Trichromacy



Original Color
C0833B

Protanomaly
AC8B3E

Deuteranomaly
B8873A

Tritanomaly
C37E69

Monochromacy



Original Color
C0833B

Achromatopsia
8D8D8D

Achromatomaly
A0896F

CSS Examples

Text

The CSS property to change the color of the text to Hex C0833B 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 #C0833B looks like.

```
.text, #text, p{  
    color:#C0833B  
}
```

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 #C0833B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0833B
}
```

Border

The CSS property to change the border of an element to Hex C0833B 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
#C0833B }
```

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

```
.border{ border-color:#C0833B }
```

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

Here you see how a box with a 4 pixel #C0833B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0833B; -webkit-box-shadow:4px 4px  
4px 4px #C0833B; box-shadow:4px 4px 4px  
4px #C0833B }
```

Background

The CSS property to change the background color of an element to Hex C0833B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0833B }
```

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

```
.background{ background-color:#C0833B }
```

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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