

Converting Colors

Hex(E1833B)

Have a look what the booklet for
Hex(E1833B) contains.

Hex(E1833B)	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(E1833B)

Conversions

Conversions Part 1

Format	Color
Hex	E1833B
RGB	225, 131, 59
RGB Percent	88%, 51%, 23%
CMY	0.1176, 0.4863, 0.7686
CMYK	0.00, 0.42, 0.74, 0.12
HSL	26°, 73%, 56%
HSV	26°, 74%, 88%
XYZ	39.9571, 32.5559, 8.3156
YIQ	150.8980, 79.1360, -2.4640

Conversions

Conversions Part 2

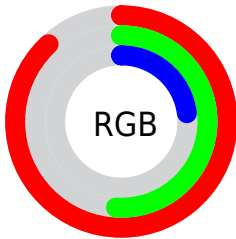
Format	Color
R _Y B	225, 186, 59
Decimal	14779195
CIE Lab	63.80, 30.60, 52.73
CIE LCh	64, 60.965, 59.877
Yxy	32.5559, 0.4943, 0.4028
Android (android.graphics.Color)	4292969275 (0xFFE1833B)
YUV	150.8980, -45.3057, 64.9875
Hunter-Lab	57.0578, 25.1508, 31.2995

Details

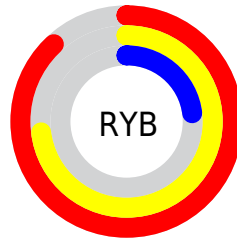
The Hex color **E1833B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **3B99E1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB96E**, and **A45002** is the 20% darker color. If you saturate the color by 10%, you get **E17625**, and if you desaturate by 10%, it is **E19052**.

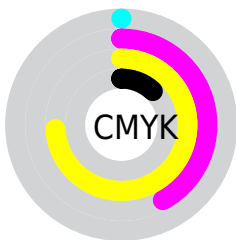
Distribution



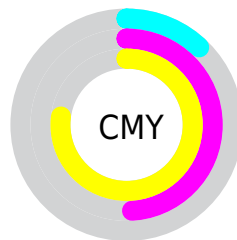
- Red (88%)
- Green (51%)
- Blue (23%)



- Red (88%)
- Yellow (73%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (74%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1833B 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 E1833B by changing the saturation by 10% instead.

 E1833B

 E1833B

FFFFFF

 C26921

 FFB96E

 A45002

 FFD588

 863800

 FFF1A3

 692100

 FFFFBF

 4C0700

 FFFFDB

 320000

 FFFFF8

 0A0000

 000000

 E1833B

 E1833B

 E17625

 E19052

 E16A0E

 E19C68

 E16200

 E1A97F

 E1B695

 E1C3AC

 E1CFC2

 E1DCD9

 E1E9EF

 E1F6FF

Harmonies

Analogous

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



FA6E68



E1833B



B79821

Triad

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



E1833B



00B499



9A8CF9

Complementary

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



E1833B



3B99E1

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.



00A1FF



E1833B



00B4CF

Square

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



E1833B



2CB061



00AEF8



DC75D2

Rectangle

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



E1833B



94A329



00AEF8



7994FF

Sweetspot

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



E1833B



FFDFC7



E13B99



806D5E



000000



808080

Same Dimension

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



E1833B



FF7E1C



E1D63B



706A65



B04C00



301500

Inverse Universe

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



3B99E1



1C9DFF



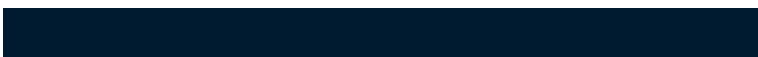
3B46E1



656B70



0064B0



001B30

Previews

White Background



This preview shows how the Hex color E1833B looks on a white background.

Color Contrast Check

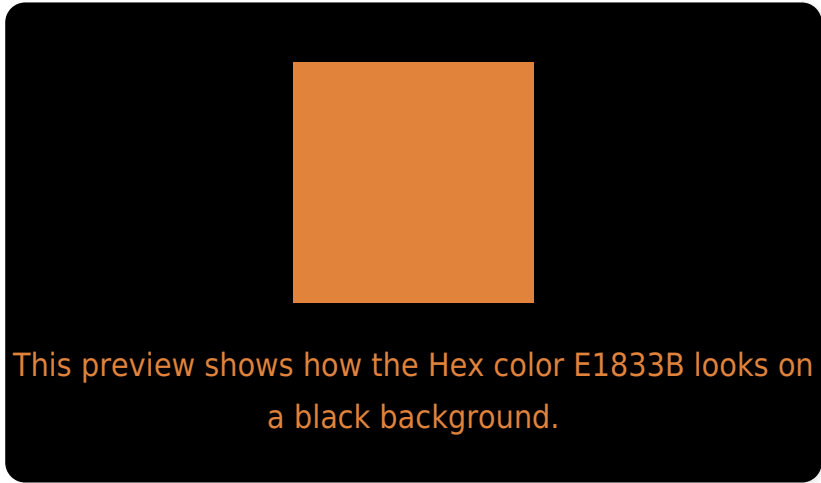
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

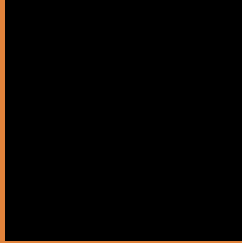
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex E1833B Background



This preview shows how black text looks on a background with the Hex color E1833B.



This preview shows how white text looks on a background with the Hex color E1833B.

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](#).

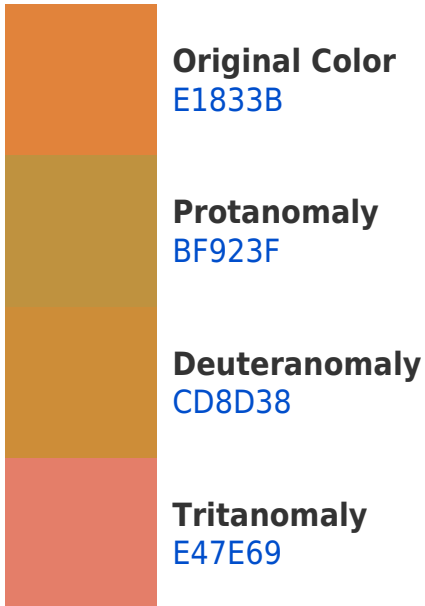
Dichromacy





Tritanopia
E57B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1833B 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 #E1833B looks like.

```
.text, #text, p{  
    color:#E1833B  
}
```

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 #E1833B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1833B
}
```

Border

The CSS property to change the border of an element to Hex E1833B 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
#E1833B }
```

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

```
.border{ border-color:#E1833B }
```

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

Here you see how a box with a 4 pixel #E1833B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1833B; -webkit-box-shadow:4px 4px  
4px 4px #E1833B; box-shadow:4px 4px 4px  
4px #E1833B }
```

Background

The CSS property to change the background color of an element to Hex E1833B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1833B }
```

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

```
.background{ background-color:#E1833B }
```

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