

Converting Colors

Hex(1B833F)

Have a look what the booklet for
Hex(1B833F) contains.

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Color

Hex(1B833F)

Conversions

Conversions Part 1

Format	Color
Hex	1B833F
RGB	27, 131, 63
RGB Percent	11%, 51%, 25%
CMY	0.8941, 0.4863, 0.7529
CMYK	0.79, 0.00, 0.52, 0.49
HSL	141°, 66%, 31%
HSV	141°, 79%, 51%
XYZ	9.4655, 16.8245, 7.4512
YIQ	92.1520, -40.1560, -43.1960

Conversions

Conversions Part 2

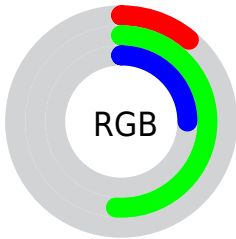
Format	Color
RYB	27, 104, 131
Decimal	1803071
CIELab	48.04, -44.27, 28.60
CIELCh	48, 52.704, 147.130
Yxy	16.8245, 0.2805, 0.4986
Android (android.graphics.Color)	4279993151 (0xFF1B833F)
YUV	92.1520, -14.3719, -57.1383
Hunter-Lab	41.0177, -30.5891, 17.9419

Details

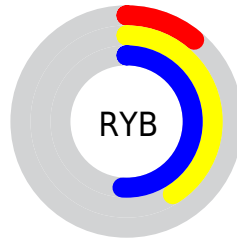
The Hex color **1B833F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **831B5F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59B970**, and **005010** is the 20% darker color. If you saturate the color by 10%, you get **0E8336**, and if you desaturate by 10%, it is **288348**.

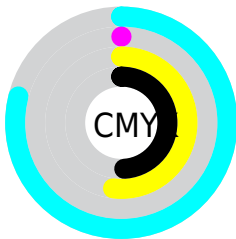
Distribution



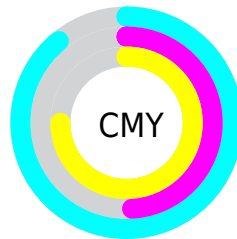
- Red (11%)
- Green (51%)
- Blue (25%)



- Red (11%)
- Yellow (41%)
- Blue (51%)



- Cyan (79%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B833F 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 1B833F by changing the saturation by 10% instead.

 1B833F

 1B833F

FFFFFF

 006928

 59B970

 005010

 75D58A

 003800

 92F2A5

 002300

 AEFFC0

 000000

 CBFFDC

 E8FFF9

 1B833F

 1B833F

 0E8336

 288348

■ 01832E

■ 358350

■ 00832D

■ 428359

■ 4F8361

■ 5D836A

■ 6A8372

■ 77837B

■ 848384

■ 91838C

Harmonies

Analogous

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



617B18



1B833F



00876C

Triad

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



1B833F



0079CB



C04B4C

Complementary

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



1B833F



831B5F

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.



BF4778



1B833F



6A68C2

Square

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



1B833F



0082BC



A354A3



AD5D26

Rectangle

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



1B833F



00878B



A354A3



C2485A

Sweetspot

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



1B833F



82AB90



60831B



3E5746



D6D6D6



575757

Same Dimension

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



1B833F



09AB41



1B8372



3C423E



00822D



000301

Inverse Universe

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



831B5F



AB0973



831B2C



423C40



820055



030002

Previews

White Background



This preview shows how the Hex color 1B833F looks on a white background.

Color Contrast Check

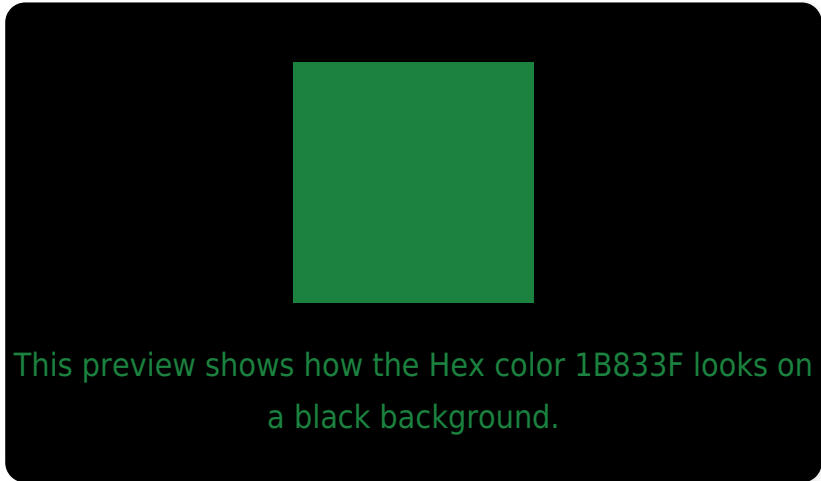
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

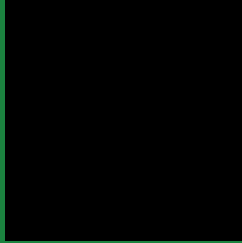
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1B833F Background



This preview shows how black text looks on a background with the Hex color 1B833F.



This preview shows how white text looks on a background with the Hex color 1B833F.

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
1B833F

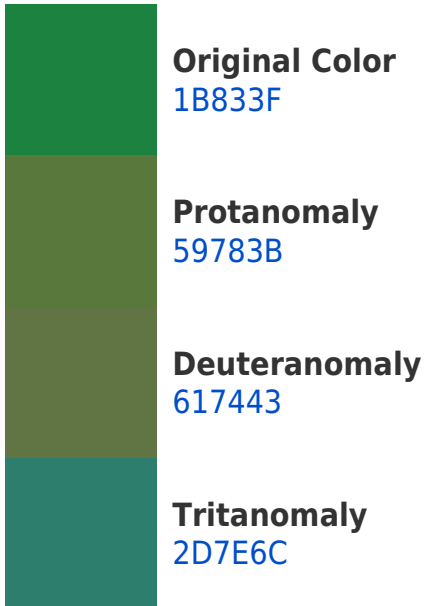
Protanopia
7D7139

Deuteranopia
896C45

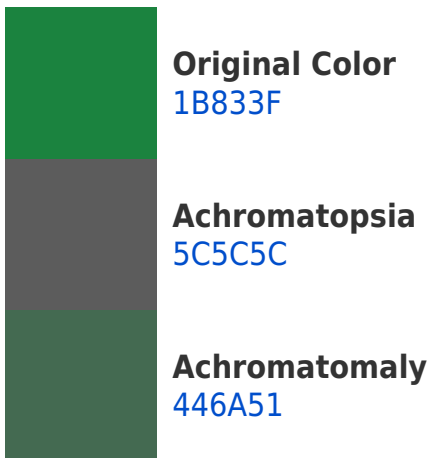


Tritanopia
387B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B833F 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 #1B833F looks like.

```
.text, #text, p{  
    color:#1B833F  
}
```

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 #1B833F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B833F
}
```

Border

The CSS property to change the border of an element to Hex 1B833F 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
#1B833F }
```

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

```
.border{ border-color:#1B833F }
```

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

Here you see how a box with a 4 pixel #1B833F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B833F; -webkit-box-shadow:4px 4px  
4px 4px #1B833F; box-shadow:4px 4px 4px  
4px #1B833F }
```

Background

The CSS property to change the background color of an element to Hex 1B833F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B833F }
```

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

```
.background{ background-color:#1B833F }
```

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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