

Converting Colors

Hex(1C805B)

Have a look what the booklet for
Hex(1C805B) contains.

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Color

Hex(1C805B)

Conversions

Conversions Part 1

Format	Color
Hex	1C805B
RGB	28, 128, 91
RGB Percent	11%, 50%, 36%
CMY	0.8902, 0.4980, 0.6431
CMYK	0.78, 0.00, 0.29, 0.50
HSL	158°, 64%, 31%
HSV	158°, 78%, 50%
XYZ	10.0864, 16.4406, 12.5393
YIQ	93.8820, -47.7230, -32.7070

Conversions

Conversions Part 2

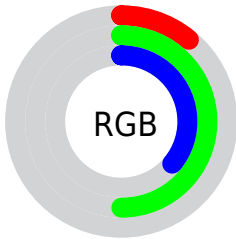
Format	Color
R_{YB}	28, 89, 128
Decimal	1867867
CIE _{Lab}	47.55, -37.19, 12.26
CIE _{LCh}	48, 39.159, 161.756
Yxy	16.4406, 0.2582, 0.4208
Android (android.graphics.Color)	4280057947 (0xFF1C805B)
YUV	93.8820, -1.4208, -57.7785
Hunter-Lab	40.5469, -26.5538, 10.0473

Details

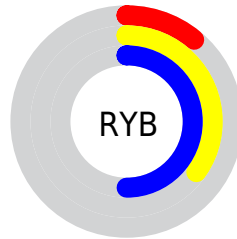
The Hex color **1C805B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **801C41**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **59B68D**, and **004E2D** is the 20% darker color. If you saturate the color by 10%, you get **0F8056**, and if you desaturate by 10%, it is **298060**.

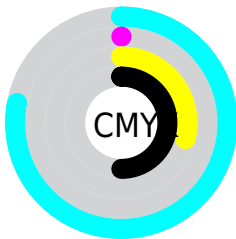
Distribution



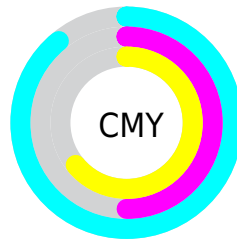
- Red (11%)
- Green (50%)
- Blue (36%)



- Red (11%)
- Yellow (35%)
- Blue (50%)



- Cyan (78%)
- Magenta (0%)
- Yellow (29%)
- Black (50%)



- Cyan (89%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C805B 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 1C805B by changing the saturation by 10% instead.



1C805B



1C805B

FFFFFF



006643



59B68D



004E2D



75D2A8



003618



91EEC3



002200



ADFFDF



000000



CAFFFB



E7FFFF



1C805B



1C805B



0F8056



298060

■ 028052

■ 368064

■ 008051

■ 428069

■ 4F806E

■ 5C8073

■ 698077

■ 76807C

■ 828081

■ 8F8086

Harmonies

Analogous

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



537B3E



1C805B



00817D

Triad

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



1C805B



5070B1



A85C46

Complementary

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



1C805B



801C41

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.



AF5565



1C805B



8463A2

Square

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



1C805B



007AAF



A35886



956831

Rectangle

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



1C805B



008193



A35886



AC5950

Sweetspot

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



1C805B



80A698



42801C



3D544B



D4D4D4



545454

Same Dimension

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



1C805B



0AA66C



1C7480



39403D



008050



000000

Inverse Universe

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



801C41



A60A44



80281C



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 1C805B looks on a white background.

Color Contrast Check

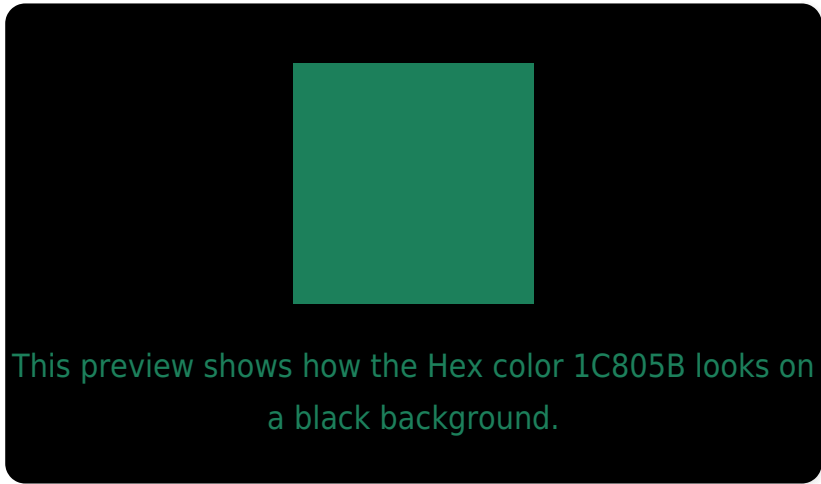
Large Text (above 18pt) WCAG AA ✓ Pass

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

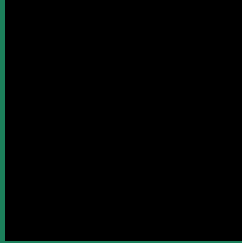
Any Text WCAG AA × Fail

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 1C805B Background



This preview shows how black text looks on a background with the Hex color 1C805B.



This preview shows how white text looks on a background with the Hex color 1C805B.

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
1C805B

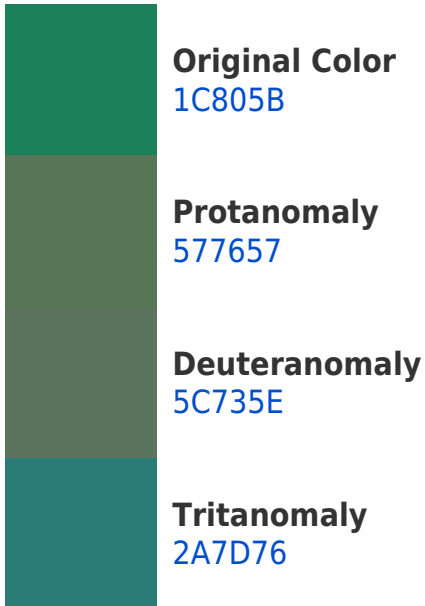
Protanopia
787054

Deuteranopia
816C5F

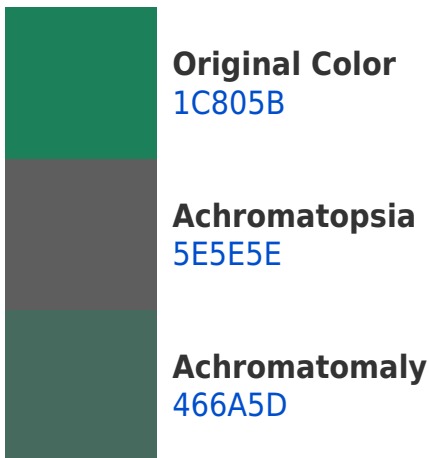


Tritanopia
327B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C805B 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 #1C805B looks like.

```
.text, #text, p{  
    color:#1C805B  
}
```

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 #1C805B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C805B
}
```

Border

The CSS property to change the border of an element to Hex 1C805B 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
#1C805B }
```

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

```
.border{ border-color:#1C805B }
```

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

Here you see how a box with a 4 pixel #1C805B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C805B; -webkit-box-shadow:4px 4px  
4px 4px #1C805B; box-shadow:4px 4px 4px  
4px #1C805B }
```

Background

The CSS property to change the background color of an element to Hex 1C805B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C805B }
```

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

```
.background{ background-color:#1C805B }
```

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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