

Converting Colors

Hex(1C8863)

Have a look what the booklet for
Hex(1C8863) contains.

Hex(1C8863)	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(1C8863)

Conversions

Conversions Part 1

Format	Color
Hex	1C8863
RGB	28, 136, 99
RGB Percent	11%, 53%, 39%
CMY	0.8902, 0.4667, 0.6118
CMYK	0.79, 0.00, 0.27, 0.47
HSL	159°, 66%, 32%
HSV	159°, 79%, 53%
XYZ	11.5352, 18.7560, 14.8167
YIQ	99.4900, -52.4910, -34.4030

Conversions

Conversions Part 2

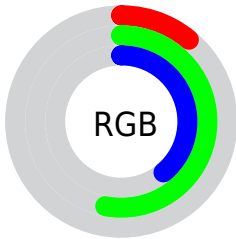
Format	Color
R_{YB}	28, 93, 136
Decimal	1869923
CIE _{Lab}	50.40, -38.66, 11.61
CIE _{LCh}	50, 40.364, 163.280
Yxy	18.7560, 0.2557, 0.4158
Android (android.graphics.Color)	4280060003 (0xFF1C8863)
YUV	99.4900, -0.2416, -62.6967
Hunter-Lab	43.3083, -28.2459, 10.0314

Details

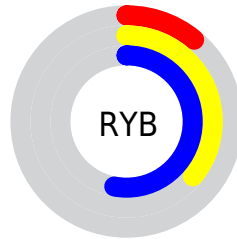
The Hex color **1C8863** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **881C41**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5BBE96**, and **005534** is the 20% darker color. If you saturate the color by 10%, you get **0E885E**, and if you desaturate by 10%, it is **2A8868**.

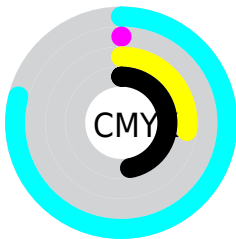
Distribution



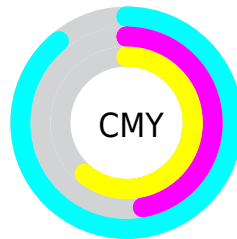
- Red (11%)
- Green (53%)
- Blue (39%)



- Red (11%)
- Yellow (36%)
- Blue (53%)



- Cyan (79%)
- Magenta (0%)
- Yellow (27%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8863 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 1C8863 by changing the saturation by 10% instead.

 1C8863

 1C8863

FFFFFF

 006E4B

 5BBE96

 005534

 77DAB1

 003D1F

 94F7CC

 002808

 B0FFE8

 000300

 CDFFFF

 000000

 EAFFFF

 1C8863

 1C8863

 0E885E

 2A8868

■ 01885A

■ 37886C

■ 008859

■ 458871

■ 528876

■ 60887A

■ 6E887F

■ 7B8884

■ 898888

■ 96888D

Harmonies

Analogous

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



578344



1C8863



008987

Triad

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



1C8863



5976BB



B1634A

Complementary

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



1C8863



881C41

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.



B95B6A



1C8863



8E69AA

Square

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



1C8863



0081B9



AD5D8D



9C6F35

Rectangle

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



1C8863



00889D



AD5D8D



B65F54

Sweetspot

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



1C8863



86B0A1



42881C



3F5950



D9D9D9



595959

Same Dimension

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



1C8863



09B077



1C7888



3E4542



008557



000503

Inverse Universe

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



881C41



B00942



882C1C



453E40



85002D



050002

Previews

White Background



This preview shows how the Hex color 1C8863 looks on a white background.

Color Contrast Check

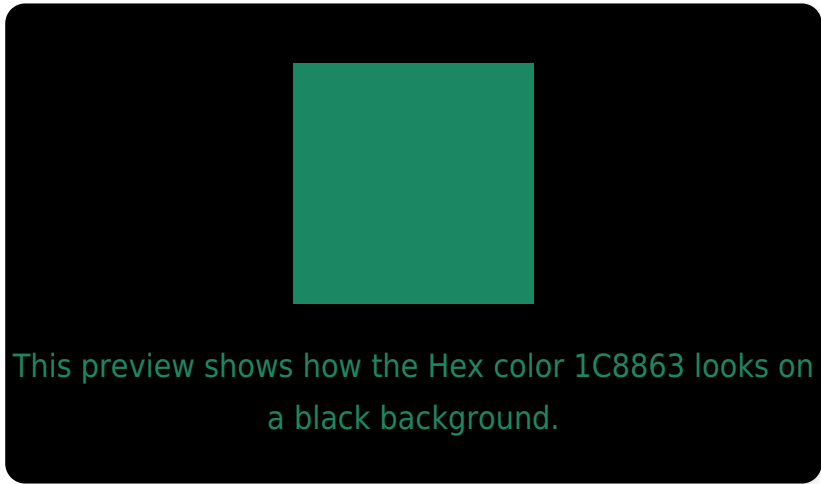
Large Text (above 18pt) WCAG AA ✓ Pass

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

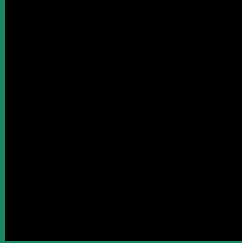
Any Text WCAG AA ✓ Pass

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 1C8863 Background



This preview shows how black text looks on a background with the Hex color 1C8863.

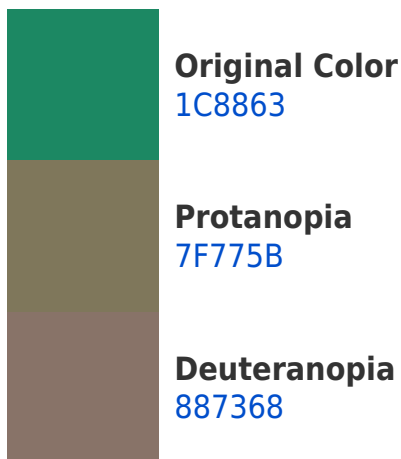


This preview shows how white text looks on a background with the Hex color 1C8863.

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
33838D

Trichromacy



Original Color
1C8863



Protanomaly
5B7D5E



Deuteranomaly
617B66



Tritanomaly
2B857E

Monochromacy



Original Color
1C8863



Achromatopsia
636363



Achromatomaly
497063

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8863 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 #1C8863 looks like.

```
.text, #text, p{  
    color:#1C8863  
}
```

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 #1C8863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8863
}
```

Border

The CSS property to change the border of an element to Hex 1C8863 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
#1C8863 }
```

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

```
.border{ border-color:#1C8863 }
```

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

Here you see how a box with a 4 pixel #1C8863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8863; -webkit-box-shadow:4px 4px  
4px 4px #1C8863; box-shadow:4px 4px 4px  
4px #1C8863 }
```

Background

The CSS property to change the background color of an element to Hex 1C8863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8863 }
```

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

```
.background{ background-color:#1C8863 }
```

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