

Converting Colors

Hex(1C7C57)

Have a look what the booklet for
Hex(1C7C57) contains.

Hex(1C7C57)	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(1C7C57)

Conversions

Conversions Part 1

Format	Color
Hex	1C7C57
RGB	28, 124, 87
RGB Percent	11%, 49%, 34%
CMY	0.8902, 0.5137, 0.6588
CMYK	0.77, 0.00, 0.30, 0.51
HSL	157°, 63%, 30%
HSV	157°, 77%, 49%
XYZ	9.4068, 15.3503, 11.4839
YIQ	91.0780, -45.3390, -31.8590

Conversions

Conversions Part 2

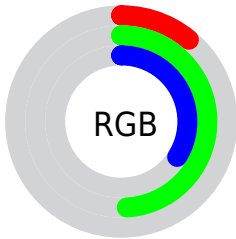
Format	Color
R_{YB}	28, 87, 124
Decimal	1866839
CIE Lab	46.11, -36.44, 12.59
CIE LCh	46, 38.551, 160.935
Yxy	15.3503, 0.2596, 0.4236
Android (android.graphics.Color)	4280056919 (0xFF1C7C57)
YUV	91.0780, -2.0105, -55.3194
Hunter-Lab	39.1795, -25.7069, 10.0471

Details

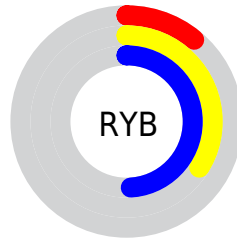
The Hex color **1C7C57** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C1C41**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58B189**, and **004A29** is the 20% darker color. If you saturate the color by 10%, you get **107C52**, and if you desaturate by 10%, it is **287C5C**.

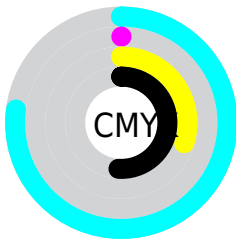
Distribution



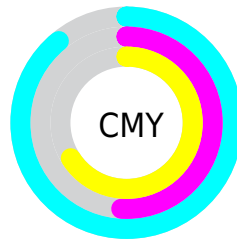
- Red (11%)
- Green (49%)
- Blue (34%)



- Red (11%)
- Yellow (34%)
- Blue (49%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7C57 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 1C7C57 by changing the saturation by 10% instead.

 1C7C57

 1C7C57

FFFFFF

 006340

 58B189

 004A29

 74CDA3

 003215

 8FEABE

 001E00

 ABFFDA

 000000

 C8FFF7

 E5FFFF

 1C7C57

 1C7C57

 107C52

 287C5C

■ 037C4D

■ 357C61

■ 007C4C

■ 417C65

■ 4E7C6A

■ 5A7C6F

■ 667C74

■ 737C78

■ 7F7C7D

■ 8C7C82

Harmonies

Analogous

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



51773A



1C7C57



007E78

Triad

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



1C7C57



4B6DAD



A45844

Complementary

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



1C7C57



7C1C41

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.



AA5263



1C7C57



7F609E

Square

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



1C7C57



0076AA



9E5583



91642F

Rectangle

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



1C7C57



007D8D



9E5583



A8554E

Sweetspot

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



1C7C57



7CA192



427C1C



3B5249



D1D1D1



525252

Same Dimension

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



1C7C57



0BA167



1C727C



373D3B



007D4D



00FC9B

Inverse Universe

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



7C1C41



A10B45



7C261C



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 1C7C57 looks on a white background.

Color Contrast Check

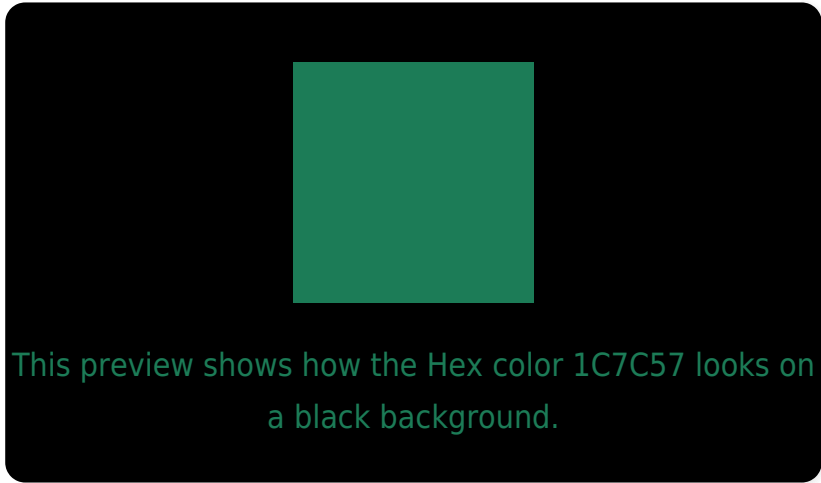
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C7C57 Background



This preview shows how black text looks on a background with the Hex color 1C7C57.



This preview shows how white text looks on a background with the Hex color 1C7C57.

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
317780

Trichromacy



Original Color
1C7C57

Protanomaly
557253

Deuteranomaly
5A6F5A

Tritanomaly
297971

Monochromacy



Original Color
1C7C57

Achromatopsia
5B5B5B

Achromatomaly
44675A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7C57 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 #1C7C57 looks like.

```
.text, #text, p{  
    color:#1C7C57  
}
```

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 #1C7C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7C57
}
```

Border

The CSS property to change the border of an element to Hex 1C7C57 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
#1C7C57 }
```

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

```
.border{ border-color:#1C7C57 }
```

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

Here you see how a box with a 4 pixel #1C7C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7C57; -webkit-box-shadow:4px 4px  
4px 4px #1C7C57; box-shadow:4px 4px 4px  
4px #1C7C57 }
```

Background

The CSS property to change the background color of an element to Hex 1C7C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7C57 }
```

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

```
.background{ background-color:#1C7C57 }
```

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