

Converting Colors

Hex(1C7748)

Have a look what the booklet for
Hex(1C7748) contains.

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Color

Hex(1C7748)

Conversions

Conversions Part 1

Format	Color
Hex	1C7748
RGB	28, 119, 72
RGB Percent	11%, 47%, 28%
CMY	0.8902, 0.5333, 0.7176
CMYK	0.76, 0.00, 0.39, 0.53
HSL	149°, 62%, 29%
HSV	149°, 76%, 47%
XYZ	8.2454, 13.9084, 8.3809
YIQ	86.4330, -39.1490, -33.9090

Conversions

Conversions Part 2

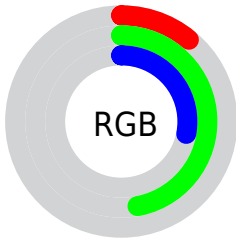
Format	Color
R_{YB}	28, 89, 119
Decimal	1865544
CIE _{Lab}	44.10, -37.72, 18.55
CIE _{LCh}	44, 42.030, 153.815
Yxy	13.9084, 0.2700, 0.4555
Android (android.graphics.Color)	4280055624 (0xFF1C7748)
YUV	86.4330, -7.1155, -51.2457
Hunter-Lab	37.2940, -25.7995, 12.7818

Details

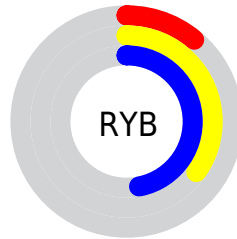
The Hex color **1C7748** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **771C4B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57AC79**, and **00451B** is the 20% darker color. If you saturate the color by 10%, you get **107742**, and if you desaturate by 10%, it is **28774E**.

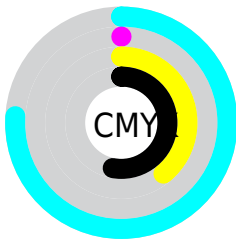
Distribution



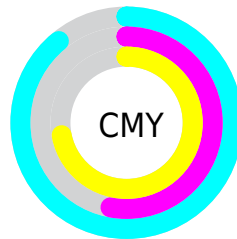
- Red (11%)
- Green (47%)
- Blue (28%)



- Red (11%)
- Yellow (35%)
- Blue (47%)



- Cyan (76%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (89%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7748 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 1C7748 by changing the saturation by 10% instead.

 1C7748

 1C7748

FFFFFF

 005E31

 57AC79

 00451B

 72C893

 002E03

 8EE4AE

 001700

 A9FFC9

 000000

 C6FFE5

 E3FFFF

 1C7748

 1C7748

 107742

 28774E

■ 04773C

■ 347754

■ 00773A

■ 40775A

■ 4C7761

■ 577767

■ 63776D

■ 6F7773

■ 7B7779

■ 87777F

Harmonies

Analogous

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



53712B



1C7748



00796C

Triad

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



1C7748



266BAE



A54E43

Complementary

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



1C7748



771C4B

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.



A74965



1C7748



705DA2

Square

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



1C7748



0074A6



964F88



935B29

Rectangle

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



1C7748



007983



964F88



A84B4E

Sweetspot

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



1C7748



789C89



4B771C



394F44



CFCFCF



4F4F4F

Same Dimension

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



1C7748



0C9C52



1C7775



353B38



007A3B



00FA79

Inverse Universe

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



771C4B



9C0C56



771C1E



3B3538



7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 1C7748 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

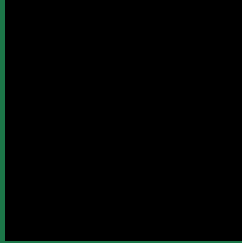
Any Text WCAG AA × Fail

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 1C7748 Background



This preview shows how black text looks on a background with the Hex color 1C7748.



This preview shows how white text looks on a background with the Hex color 1C7748.

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
1C7748

Protanopia
716842

Deuteranopia
7B634D



Tritanopia
32717A

Trichromacy



Original Color
1C7748

Protanomaly
526D44

Deuteranomaly
586A4B

Tritanomaly
2A7368

Monochromacy



Original Color
1C7748

Achromatopsia
565656

Achromatomaly
416251

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7748 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 #1C7748 looks like.

```
.text, #text, p{  
    color:#1C7748  
}
```

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 #1C7748 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7748
}
```

Border

The CSS property to change the border of an element to Hex 1C7748 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
#1C7748 }
```

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

```
.border{ border-color:#1C7748 }
```

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

Here you see how a box with a 4 pixel #1C7748 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7748; -webkit-box-shadow:4px 4px  
4px 4px #1C7748; box-shadow:4px 4px 4px  
4px #1C7748 }
```

Background

The CSS property to change the background color of an element to Hex 1C7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7748 }
```

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

```
.background{ background-color:#1C7748 }
```

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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