

Converting Colors

Hex(1C7848)

Have a look what the booklet for
Hex(1C7848) contains.

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Color

Hex(1C7848)

Conversions

Conversions Part 1

Format	Color
Hex	1C7848
RGB	28, 120, 72
RGB Percent	11%, 47%, 28%
CMY	0.8902, 0.5294, 0.7176
CMYK	0.77, 0.00, 0.40, 0.53
HSL	149°, 62%, 29%
HSV	149°, 77%, 47%
XYZ	8.3651, 14.1477, 8.4208
YIQ	87.0200, -39.4240, -34.4320

Conversions

Conversions Part 2

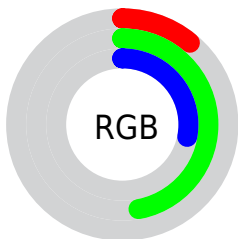
Format	Color
R_{YB}	28, 90, 120
Decimal	1865800
CIE _{Lab}	44.44, -38.13, 19.00
CIE _{LCh}	44, 42.601, 153.508
Yxy	14.1477, 0.2704, 0.4574
Android (android.graphics.Color)	4280055880 (0xFF1C7848)
YUV	87.0200, -7.4049, -51.7605
Hunter-Lab	37.6134, -26.1259, 13.0557

Details

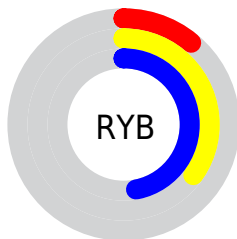
The Hex color **1C7848** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781C4C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57AD79**, and **00461B** is the 20% darker color. If you saturate the color by 10%, you get **107842**, and if you desaturate by 10%, it is **28784E**.

Distribution



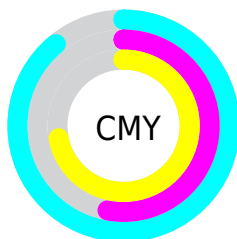
- Red (11%)
- Green (47%)
- Blue (28%)



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



- Cyan (77%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7848 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 1C7848 by changing the saturation by 10% instead.

 1C7848

 1C7848


FFFFFF

 005F31

 57AD79

 00461B

 72C993

 002F03

 8EE5AE

 001800

 AAFFC9

 000000

 C6FFE5

 E3FFFF

 1C7848

 1C7848

 107842

 28784E

■ 04783B

■ 347855

■ 007839

■ 40785B

■ 4C7861

■ 587867

■ 64786E

■ 707874

■ 7C787A

■ 887880

Harmonies

Analogous

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



54722A



1C7848



007A6C

Triad

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



1C7848



236CB0



A74E44

Complementary

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



1C7848



781C4C

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.



A94966



1C7848



705EA4

Square

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



1C7848



0075A8



985089



955C29

Rectangle

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



1C7848



007A84



985089



AA4B4F

Sweetspot

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



1C7848



789C89



4D781C



394F44



CFCFCF



4F4F4F

Same Dimension

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



1C7848



0C9C51



1C7875



373D3A



007D3C



00FC79

Inverse Universe

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



781C4C



9C0C57



781C1F



3D373A



7D0041



FC0084

Previews

White Background



This preview shows how the Hex color 1C7848 looks on a white background.

Color Contrast Check

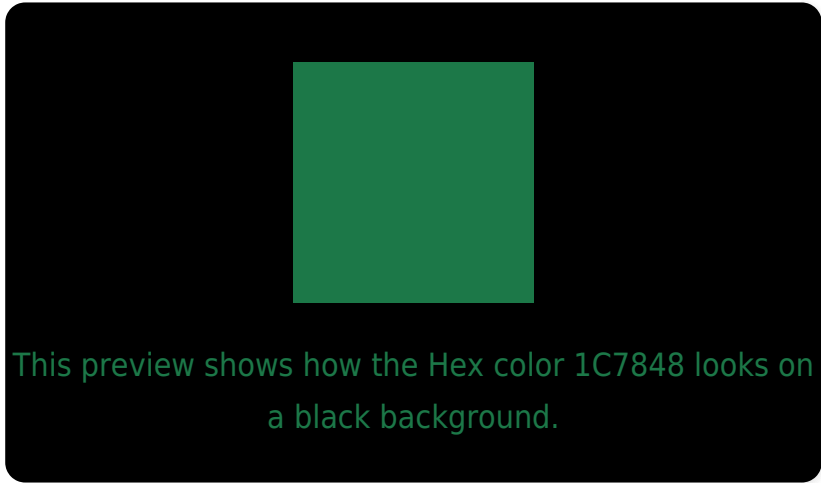
Large Text (above 18pt) WCAG AA ✓ Pass

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

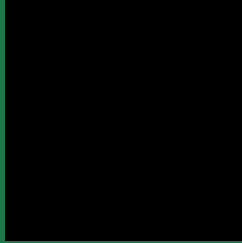
Any Text WCAG AA × Fail

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 1C7848 Background



This preview shows how black text looks on a background with the Hex color 1C7848.



This preview shows how white text looks on a background with the Hex color 1C7848.

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
1C7848

Protanopia
726942

Deuteranopia
7C644D



Tritanopia
32727B

Trichromacy



Original Color
1C7848



Protanomaly
536E44



Deuteranomaly
596B4B



Tritanomaly
2A7468

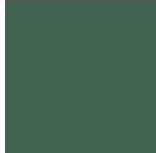
Monochromacy



Original Color
1C7848



Achromatopsia
575757



Achromatomaly
426352

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7848 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 #1C7848 looks like.

```
.text, #text, p{  
    color:#1C7848  
}
```

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 #1C7848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7848  
}
```

Border

The CSS property to change the border of an element to Hex 1C7848 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  
#1C7848 }
```

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

```
.border{ border-color:#1C7848 }
```

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

Here you see how a box with a 4 pixel #1C7848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7848; -webkit-box-shadow:4px 4px  
4px 4px #1C7848; box-shadow:4px 4px 4px  
4px #1C7848 }
```

Background

The CSS property to change the background color of an element to Hex 1C7848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7848 }
```

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

```
.background{ background-color:#1C7848 }
```

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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