

Converting Colors

Hex(1A7840)

Have a look what the booklet for
Hex(1A7840) contains.

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Color

Hex(1A7840)

Conversions

Conversions Part 1

Format	Color
Hex	1A7840
RGB	26, 120, 64
RGB Percent	10%, 47%, 25%
CMY	0.8980, 0.5294, 0.7490
CMYK	0.78, 0.00, 0.47, 0.53
HSL	144°, 64%, 29%
HSV	144°, 78%, 47%
XYZ	8.0679, 14.0227, 7.1319
YIQ	85.5100, -38.0480, -37.3440

Conversions

Conversions Part 2

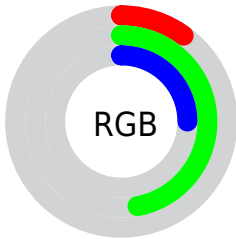
Format	Color
R_{YB}	26, 93, 120
Decimal	1734720
CIE _{Lab}	44.27, -40.02, 23.29
CIE _{LCh}	44, 46.305, 149.810
Yxy	14.0227, 0.2761, 0.4799
Android (android.graphics.Color)	4279924800 (0xFF1A7840)
YUV	85.5100, -10.6044, -52.1903
Hunter-Lab	37.4469, -27.0745, 14.9208

Details

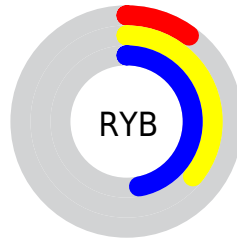
The Hex color **1A7840** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **781A52**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **56AD71**, and **004613** is the 20% darker color. If you saturate the color by 10%, you get **0E7839**, and if you desaturate by 10%, it is **267847**.

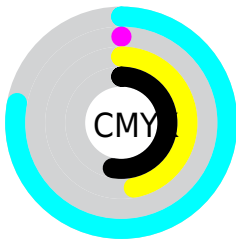
Distribution



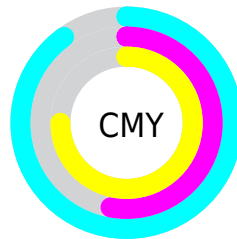
- Red (10%)
- Green (47%)
- Blue (25%)



- Red (10%)
- Yellow (36%)
- Blue (47%)



- Cyan (78%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7840 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 1A7840 by changing the saturation by 10% instead.

 1A7840

 1A7840


FFFFFF

 005F29

 56AD71

 004613

 71C98A

 002F00

 8DE5A5

 001800

 A9FFC0

 000000

 C5FFDC

 E2FFF9

 1A7840

 1A7840

 0E7839

 267847

■ 027832

■ 32784E

■ 007831

■ 3E7855

■ 4A785D

■ 567864

■ 62786B

■ 6E7872

■ 7A7879

■ 867880

Harmonies

Analogous

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



567220



1A7840



007B67

Triad

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



1A7840



006DB6



AC4945

Complementary

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



1A7840



781A52

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.



AC446B



1A7840



685FAC

Square

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



1A7840



0076AB



974E90



9B5825

Rectangle

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



1A7840



007B82



974E90



AE4651

Sweetspot

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



1A7840



769C85



52781A



384F41



CFCFCF



4F4F4F

Same Dimension

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



1A7840



099C44



1A786F



373D3A



007D33



00FC66

Inverse Universe

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



781A52



9C0960



781A23



3D373B



7D004A



FC0096

Previews

White Background



This preview shows how the Hex color 1A7840 looks on a white background.

Color Contrast Check

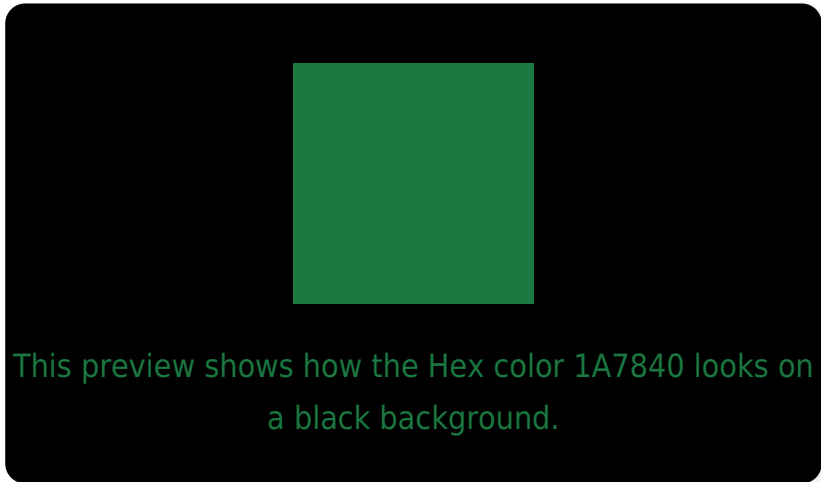
Large Text (above 18pt) WCAG AA ✓ Pass

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

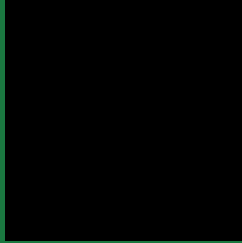
Any Text WCAG AA × Fail

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 1A7840 Background



This preview shows how black text looks on a background with the Hex color 1A7840.



This preview shows how white text looks on a background with the Hex color 1A7840.

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
1A7840

Protanopia
72683A

Deuteranopia
7D6445



Tritanopia
33717B

Trichromacy



Original Color
1A7840



Protanomaly
526E3C



Deuteranomaly
596B43



Tritanomaly
2A7466

Monochromacy



Original Color
1A7840



Achromatopsia
565656



Achromatomaly
40624E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7840 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 #1A7840 looks like.

```
.text, #text, p{  
    color:#1A7840  
}
```

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 #1A7840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7840
}
```

Border

The CSS property to change the border of an element to Hex 1A7840 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
#1A7840 }
```

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

```
.border{ border-color:#1A7840 }
```

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

Here you see how a box with a 4 pixel #1A7840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7840; -webkit-box-shadow:4px 4px  
4px 4px #1A7840; box-shadow:4px 4px 4px  
4px #1A7840 }
```

Background

The CSS property to change the background color of an element to Hex 1A7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7840 }
```

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

```
.background{ background-color:#1A7840 }
```

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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