

# Converting Colors

Hex(1A7D4C)

Have a look what the booklet for  
Hex(1A7D4C) contains.

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# Color

Hex(1A7D4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A7D4C
RGB	26, 125, 76
RGB Percent	10%, 49%, 30%
CMY	0.8980, 0.5098, 0.7020
CMYK	0.79, 0.00, 0.39, 0.51
HSL	150°, 66%, 30%
HSV	150°, 79%, 49%
XYZ	9.0641, 15.4086, 9.3339
YIQ	89.8130, -43.2750, -36.2270

# Conversions

## Conversions Part 2

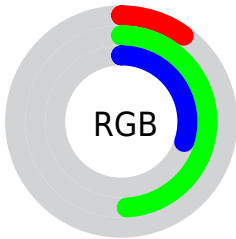
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 92, 125
Decimal	1736012
CIE <sub>Lab</sub>	46.19, -39.62, 19.04
CIE <sub>LCh</sub>	46, 43.955, 154.336
Yxy	15.4086, 0.2681, 0.4558
Android (android.graphics.Color)	4279926092 (0xFF1A7D4C)
YUV	89.8130, -6.8098, -55.9640
Hunter-Lab	39.2538, -27.4767, 13.3795

# Details

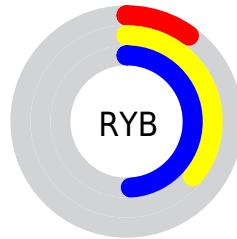
The Hex color **1A7D4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D1A4B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **57B37D**, and **004B1F** is the 20% darker color. If you saturate the color by 10%, you get **0E7D46**, and if you desaturate by 10%, it is **277D52**.

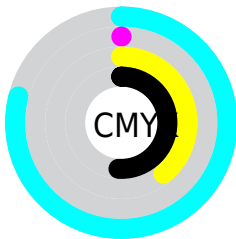
# Distribution



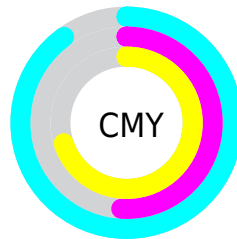
- Red (10%)
- Green (49%)
- Blue (30%)



- Red (10%)
- Yellow (36%)
- Blue (49%)



- Cyan (79%)
- Magenta (0%)
- Yellow (39%)
- Black (51%)



- Cyan (90%)
- Magenta (51%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A7D4C 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 1A7D4C by changing the saturation by 10% instead.



 1A7D4C

 1A7D4C

FFFFFF

 006335

 57B37D

 004B1F

 73CE97

 003309

 8FEBB2

 001E00

 ABFFCE

 000000

 C7FFEA

 E4FFFF

 1A7D4C

 1A7D4C

 0E7D46

 277D52

■ 017D40

■ 337D58

■ 007D3F

■ 407D5F

■ 4C7D65

■ 597D6B

■ 657D71

■ 727D77

■ 7E7D7D

■ 8B7D84

# Harmonies

## Analogous

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



56772D



1A7D4C



007F72

# Triad

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



1A7D4C



2970B7



AD5246

# Complementary

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



1A7D4C



7D1A4B

# 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.



B04C6A



1A7D4C



7661AA

# Square

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



1A7D4C



007AAF



9E538E



9A602A

# Rectangle

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



1A7D4C



007F8B



9E538E



B04F51



# Sweetspot

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



1A7D4C



7CA390



4C7D1A



3A5246



D1D1D1



525252



# Same Dimension

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



1A7D4C



08A356



1A7D7D



39403D



008040



000000



# Inverse Universe

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



7D1A4B



A30855



7D1A1A



40393D



80003F



000000



# Previews

## White Background



This preview shows how the Hex color 1A7D4C looks on a white background.

## Color Contrast Check

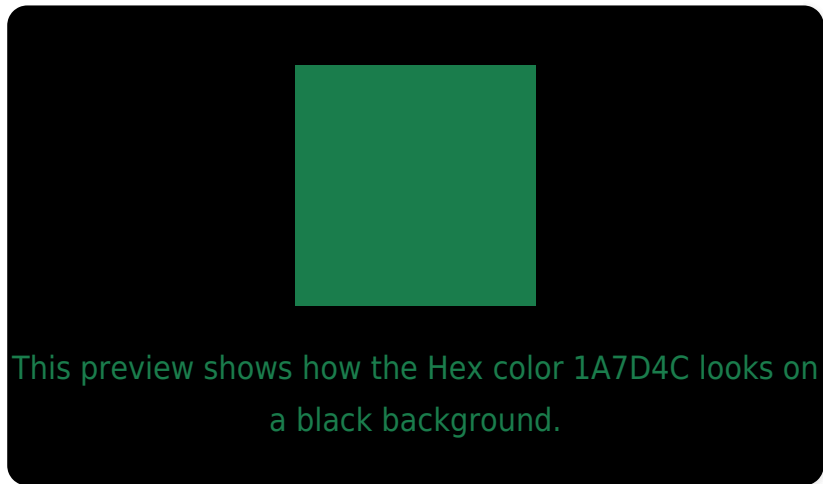
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A7D4C Background



This preview shows how black text looks on a background with the Hex color 1A7D4C.



This preview shows how white text looks on a background with the Hex color 1A7D4C.

# 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**  
1A7D4C

**Protanopia**  
766D45

**Deuteranopia**  
806851



**Tritanopia**  
337780

# Trichromacy



**Original Color**  
1A7D4C



**Protanomaly**  
557348



**Deuteranomaly**  
5B704F



**Tritanomaly**  
2A796D

# Monochromacy



**Original Color**  
1A7D4C



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
436755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A7D4C 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 #1A7D4C looks like.

```
.text, #text, p{  
    color:#1A7D4C  
}
```

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 #1A7D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7D4C
}
```

## Border

The CSS property to change the border of an element to Hex 1A7D4C 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
#1A7D4C }
```

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

```
.border{ border-color:#1A7D4C }
```

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

Here you see how a box with a 4 pixel #1A7D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7D4C; -webkit-box-shadow:4px 4px  
4px 4px #1A7D4C; box-shadow:4px 4px 4px  
4px #1A7D4C }
```

# Background

The CSS property to change the background color of an element to Hex 1A7D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7D4C }
```

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

```
.background{ background-color:#1A7D4C }
```

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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