

# Converting Colors

Hex(1A7F47)

Have a look what the booklet for  
Hex(1A7F47) contains.

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# Color

**Hex(1A7F47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A7F47
RGB	26, 127, 71
RGB Percent	10%, 50%, 28%
CMY	0.8980, 0.5020, 0.7216
CMYK	0.80, 0.00, 0.44, 0.50
HSL	147°, 66%, 30%
HSV	147°, 80%, 50%
XYZ	9.1527, 15.8533, 8.5388
YIQ	90.4170, -42.2200, -38.8280

# Conversions

## Conversions Part 2

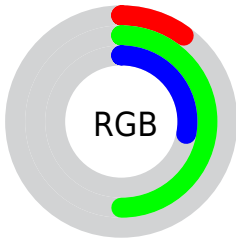
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 96, 127
Decimal	1736519
CIELab	46.78, -41.43, 22.64
CIElCh	47, 47.212, 151.349
Yxy	15.8533, 0.2728, 0.4726
Android (android.graphics.Color)	4279926599 (0xFF1A7F47)
YUV	90.4170, -9.5726, -56.4937
Hunter-Lab	39.8162, -28.6458, 15.1562

# Details

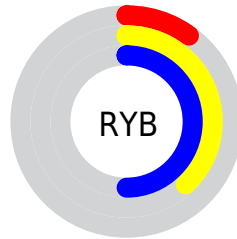
The Hex color **1A7F47** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7F1A52**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58B578**, and **004D1A** is the 20% darker color. If you saturate the color by 10%, you get **0D7F40**, and if you desaturate by 10%, it is **277F4E**.

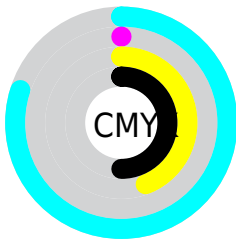
# Distribution



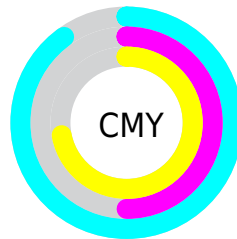
- Red (10%)
- Green (50%)
- Blue (28%)



- Red (10%)
- Yellow (38%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (44%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A7F47 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 1A7F47 by changing the saturation by 10% instead.



 1A7F47

 1A7F47

FFFFFF

 006530

 58B578

 004D1A

 73D192

 003502

 8FEDAD

 002000

 ACFFC8

 000000

 C8FFE4

 E5FFFF

 1A7F47

 1A7F47

 0D7F40

 277F4E

■ 017F39

■ 337F55

■ 007F39

■ 407F5C

■ 4D7F63

■ 597F6A

■ 667F71

■ 737F78

■ 807F7F

■ 8C7F86

# Harmonies

## Analogous

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



5A7826



1A7F47



008270

# Triad

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



1A7F47



0073BE



B45048

# Complementary

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



1A7F47



7F1A52

# 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.



B54A6F



1A7F47



7264B3

# Square

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



1A7F47



007DB4



A05396



A15F28

# Rectangle

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



1A7F47



00828B



A05396



B74C54



# Sweetspot

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



1A7F47



7EA690



537F1A



3C5447



D4D4D4



545454



# Same Dimension

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



1A7F47



08A64E



1A7F78



39403C



008039



000000



# Inverse Universe

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



7F1A52



A60860



7F1A21



40393D



800047



000000



# Previews

## White Background



This preview shows how the Hex color 1A7F47 looks on a white background.

## Color Contrast Check

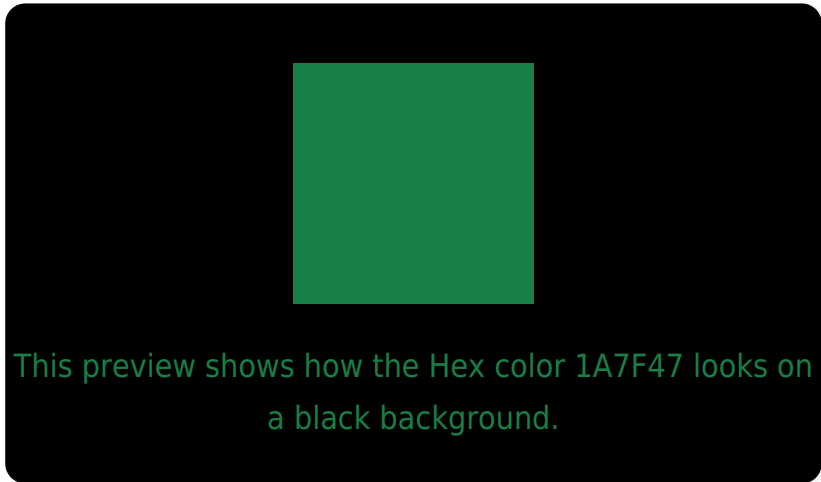
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A7F47 Background



This preview shows how black text looks on a background with the Hex color 1A7F47.



This preview shows how white text looks on a background with the Hex color 1A7F47.

# 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**  
1A7F47

**Protanopia**  
796E41

**Deuteranopia**  
846A4C



**Tritanopia**  
357882

# Trichromacy



**Original Color**

1A7F47



**Protanomaly**

567443



**Deuteranomaly**

5D724A



**Tritanomaly**

2B7B6D

# Monochromacy



**Original Color**

1A7F47



**Achromatopsia**

5A5A5A



**Achromatomaly**

436753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A7F47 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 #1A7F47 looks like.

```
.text, #text, p{  
    color:#1A7F47  
}
```

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 #1A7F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7F47
}
```

## Border

The CSS property to change the border of an element to Hex 1A7F47 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
#1A7F47 }
```

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

```
.border{ border-color:#1A7F47 }
```

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

Here you see how a box with a 4 pixel #1A7F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7F47; -webkit-box-shadow:4px 4px  
4px 4px #1A7F47; box-shadow:4px 4px 4px  
4px #1A7F47 }
```

# Background

The CSS property to change the background color of an element to Hex 1A7F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7F47 }
```

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

```
.background{ background-color:#1A7F47 }
```

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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