

# Converting Colors

Hex(147C4F)

Have a look what the booklet for  
Hex(147C4F) contains.

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# Color

Hex(147C4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	147C4F
RGB	20, 124, 79
RGB Percent	8%, 49%, 31%
CMY	0.9216, 0.5137, 0.6902
CMYK	0.84, 0.00, 0.36, 0.51
HSL	154°, 72%, 28%
HSV	154°, 84%, 49%
XYZ	8.9074, 15.1285, 9.8478
YIQ	87.7740, -47.5390, -36.0430

# Conversions

## Conversions Part 2

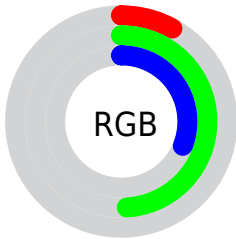
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 86, 124
Decimal	1342543
CIELab	45.81, -39.31, 16.79
CIELCh	46, 42.746, 156.867
Yxy	15.1285, 0.2629, 0.4465
Android (android.graphics.Color)	4279532623 (0xFF147C4F)
YUV	87.7740, -4.3256, -59.4378
Hunter-Lab	38.8954, -27.1888, 12.2154

# Details

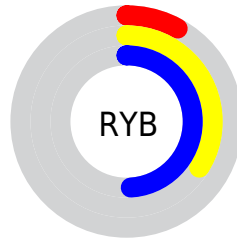
The Hex color **147C4F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C1441**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54B180**, and **004A22** is the 20% darker color. If you saturate the color by 10%, you get **087C4A**, and if you desaturate by 10%, it is **207C54**.

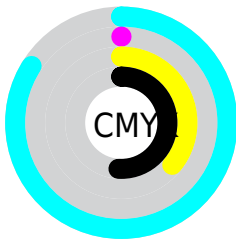
# Distribution



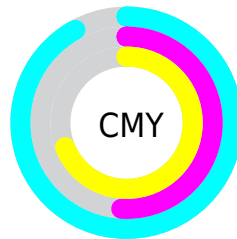
- Red (8%)
- Green (49%)
- Blue (31%)



- Red (8%)
- Yellow (34%)
- Blue (49%)



- Cyan (84%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (92%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147C4F 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 147C4F by changing the saturation by 10% instead.



 147C4F

 147C4F

FFFFFF

 006238

 54B180

 004A22

 70CD9B

 00320D

 8CEAB5

 001D00

 A8FFD1

 000000

 C4FFED

 E1FFFF

 147C4F

 147C4F

 087C4A

 207C54

■ 007C46

■ 2D7C5A

■ 397C5F

■ 467C64

■ 527C6A

■ 5E7C6F

■ 6B7C75

■ 777C7A

■ 847C7F

# Harmonies

## Analogous

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



537730



147C4F



007E74

# Triad

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



147C4F



356EB3



AA5343

# Complementary

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



147C4F



7C1441

# 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.



AE4C66



147C4F



7960A6

# Square

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



147C4F



0078AE



9E5289



966029

# Rectangle

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



147C4F



007E8C



9E5289



AD504E



# Sweetspot

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



147C4F



78A18F



417C14



395247



D1D1D1



525252



# Same Dimension

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



147C4F



00A15B



14757C



373D3B



007D47



00FC8F



# Inverse Universe

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



7C1441



A10046



7C1B14



3D373A



7D0036



FC006D



# Previews

## White Background



This preview shows how the Hex color 147C4F looks on a white background.

## Color Contrast Check

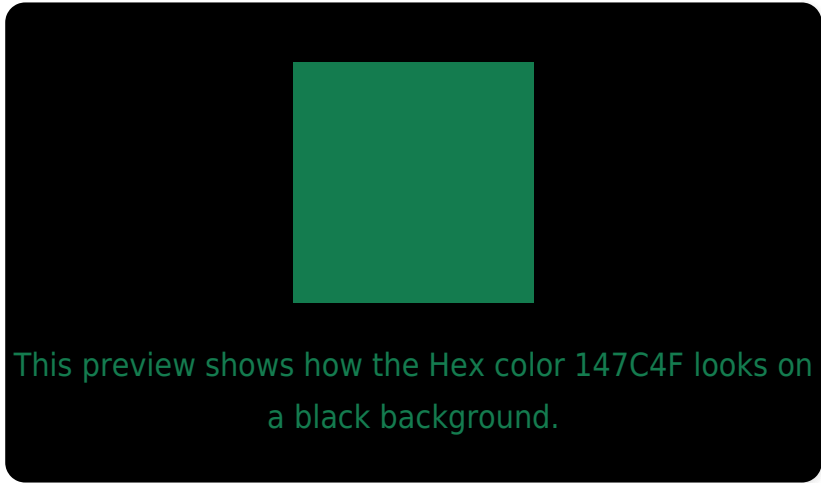
Large Text (above 18pt) WCAG AA ✓ Pass

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

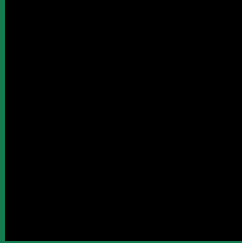
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 147C4F Background



This preview shows how black text looks on a background with the Hex color 147C4F.



This preview shows how white text looks on a background with the Hex color 147C4F.

# 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**  
147C4F

**Protanopia**  
756C48

**Deuteranopia**  
7E6854



**Tritanopia**  
2F7680

# Trichromacy



**Original Color**  
147C4F



**Protanomaly**  
52724B



**Deuteranomaly**  
576F52



**Tritanomaly**  
25786E

# Monochromacy



**Original Color**  
147C4F



**Achromatopsia**  
585858



**Achromatomaly**  
3F6555

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147C4F 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 #147C4F looks like.

```
.text, #text, p{  
    color:#147C4F  
}
```

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 #147C4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147C4F
}
```

## Border

The CSS property to change the border of an element to Hex 147C4F 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
#147C4F }
```

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

```
.border{ border-color:#147C4F }
```

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

Here you see how a box with a 4 pixel #147C4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147C4F; -webkit-box-shadow:4px 4px  
4px 4px #147C4F; box-shadow:4px 4px 4px  
4px #147C4F }
```

# Background

The CSS property to change the background color of an element to Hex 147C4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147C4F }
```

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

```
.background{ background-color:#147C4F }
```

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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