

# Converting Colors

Hex(1E7D4F)

Have a look what the booklet for  
Hex(1E7D4F) contains.

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# Color

Hex(1E7D4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7D4F
RGB	30, 125, 79
RGB Percent	12%, 49%, 31%
CMY	0.8824, 0.5098, 0.6902
CMYK	0.76, 0.00, 0.37, 0.51
HSL	151°, 61%, 30%
HSV	151°, 76%, 49%
XYZ	9.2803, 15.5078, 9.9013
YIQ	91.3510, -41.8540, -34.4460

# Conversions

## Conversions Part 2

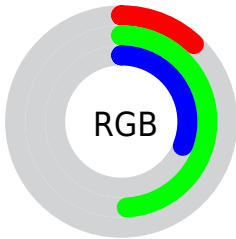
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 93, 125
Decimal	1998159
CIE <sub>Lab</sub>	46.32, -38.39, 17.51
CIE <sub>LCh</sub>	46, 42.197, 155.477
Yxy	15.5078, 0.2675, 0.4470
Android (android.graphics.Color)	4280188239 (0xFF1E7D4F)
YUV	91.3510, -6.0890, -53.8048
Hunter-Lab	39.3799, -26.8493, 12.6586

# Details

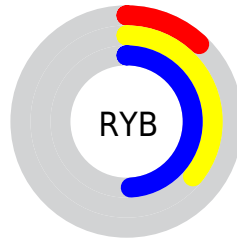
The Hex color **1E7D4F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D1E4C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **59B280**, and **004B22** is the 20% darker color. If you saturate the color by 10%, you get **127D49**, and if you desaturate by 10%, it is **2B7D55**.

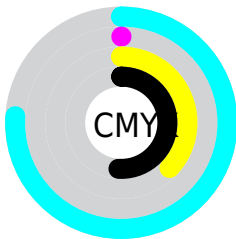
# Distribution



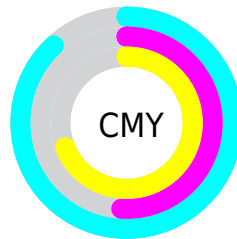
- Red (12%)
- Green (49%)
- Blue (31%)



- Red (12%)
- Yellow (36%)
- Blue (49%)



- Cyan (76%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (88%)
- Magenta (51%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E7D4F 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 1E7D4F by changing the saturation by 10% instead.



 1E7D4F

 1E7D4F

FFFFFF

 006338

 59B280

 004B22

 75CE9B

 00330D

 91EBB5

 001E00

 ADFFD1

 000000

 C9FFED

 E6FFFF

 1E7D4F

 1E7D4F

 127D49

 2B7D55

■ 057D43

■ 377D5B

■ 007D40

■ 447D61

■ 507D67

■ 5D7D6D

■ 697D73

■ 767D79

■ 827D7F

■ 8F7D85

# Harmonies

## Analogous

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



567731



1E7D4F



007F73

# Triad

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



1E7D4F



346FB4



AB5447

# Complementary

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



1E7D4F



7D1E4C

# 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.



AE4E69



1E7D4F



7862A8

# Square

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



1E7D4F



0079AE



9E548C



99612C

# Rectangle

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



1E7D4F



007F8B



9E548C



AE5151



# Sweetspot

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



1E7D4F



7EA391



4E7D1E



3B5247



D1D1D1



525252



# Same Dimension

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



1E7D4F



0FA35B



1E7D7D



39403D



008042



000000



# Inverse Universe

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



7D1E4C



A30F57



7D1E1E



40393C



80003E



000000



# Previews

## White Background



This preview shows how the Hex color 1E7D4F looks on a white background.

## Color Contrast Check

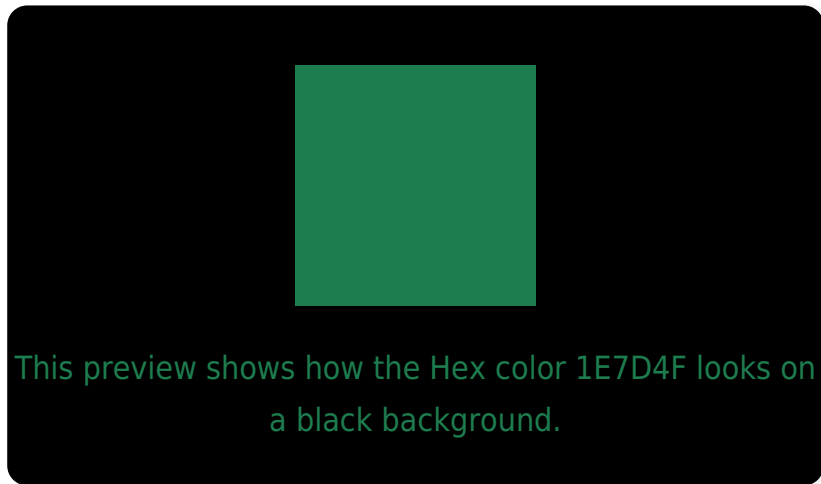
Large Text (above 18pt) WCAG AA ✓ Pass

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

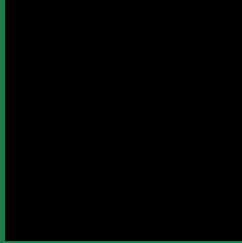
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E7D4F Background



This preview shows how black text looks on a background with the Hex color 1E7D4F.

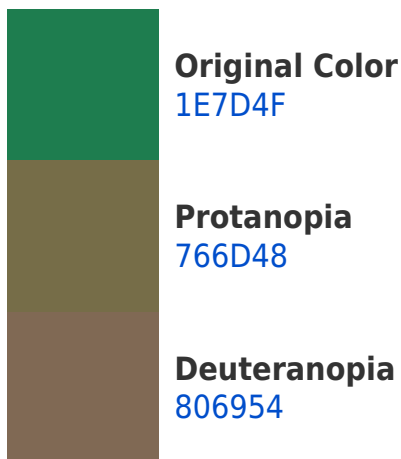


This preview shows how white text looks on a background with the Hex color 1E7D4F.

# 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





**Tritanopia**  
347781

# Trichromacy



**Original Color**  
1E7D4F



**Protanomaly**  
56734B



**Deuteranomaly**  
5C7052



**Tritanomaly**  
2C796F

# Monochromacy



**Original Color**  
1E7D4F



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
456757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E7D4F 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 #1E7D4F looks like.

```
.text, #text, p{  
    color:#1E7D4F  
}
```

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 #1E7D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7D4F
}
```

## Border

The CSS property to change the border of an element to Hex 1E7D4F 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
#1E7D4F }
```

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

```
.border{ border-color:#1E7D4F }
```

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

Here you see how a box with a 4 pixel #1E7D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7D4F; -webkit-box-shadow:4px 4px  
4px 4px #1E7D4F; box-shadow:4px 4px 4px  
4px #1E7D4F }
```

# Background

The CSS property to change the background color of an element to Hex 1E7D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7D4F }
```

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

```
.background{ background-color:#1E7D4F }
```

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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