

# Converting Colors

Hex(167E2E)

Have a look what the booklet for  
Hex(167E2E) contains.

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# Color

**Hex(167E2E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	167E2E
RGB	22, 126, 46
RGB Percent	9%, 49%, 18%
CMY	0.9137, 0.5059, 0.8196
CMYK	0.83, 0.00, 0.63, 0.51
HSL	134°, 70%, 29%
HSV	134°, 83%, 49%
XYZ	8.2849, 15.2895, 5.0993
YIQ	85.7840, -36.3040, -46.9280

# Conversions

## Conversions Part 2

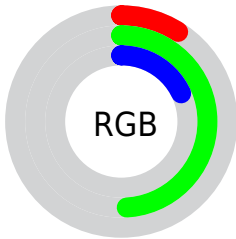
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 107, 126
Decimal	1474094
CIE <sub>Lab</sub>	46.03, -45.67, 34.85
CIE <sub>LCh</sub>	46, 57.451, 142.650
Yxy	15.2895, 0.2889, 0.5332
Android (android.graphics.Color)	4279664174 (0xFF167E2E)
YUV	85.7840, -19.6135, -55.9386
Hunter-Lab	39.1018, -30.6078, 19.6393

# Details

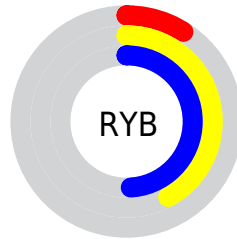
The Hex color **167E2E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E1666**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **56B45F**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **097E24**, and if you desaturate by 10%, it is **237E38**.

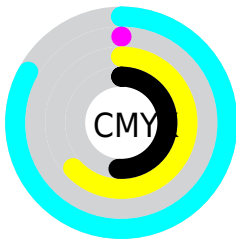
# Distribution



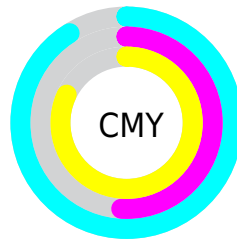
- Red (9%)
- Green (49%)
- Blue (18%)



- Red (9%)
- Yellow (42%)
- Blue (49%)



- Cyan (83%)
- Magenta (0%)
- Yellow (63%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 167E2E 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 167E2E by changing the saturation by 10% instead.



 167E2E

 167E2E

FFFFFF

 006415

 56B45F

 004B00

 72D079

 003400

 8EEC93

 001D00

 ABFFAE

 000000

 C7FFCA

 E5FFE6

 167E2E

 167E2E

 097E24

 237E38

■ 007E1D

■ 2F7E41

■ 3C7E4B

■ 487E55

■ 557E5E

■ 627E68

■ 6E7E72

■ 7B7E7C

■ 877E85

# Harmonies

## Analogous

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



607500



167E2E



00825F

# Triad

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



167E2E



0076CD



C13E4B

# Complementary

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



167E2E



7E1666

# 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.



BC3B7B



167E2E



5265C7

# Square

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



167E2E



0080B9



9B4EA8



AF521F

# Rectangle

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



167E2E



008381



9B4EA8



C23A5B



# Sweetspot

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



167E2E



7AA384



677E16



39523F



D1D1D1



525252



# Same Dimension

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



167E2E



02A327



167E61



39403B



00801D



000000



# Inverse Universe

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



7E1666



A3027E



7E1633



40393E



800062

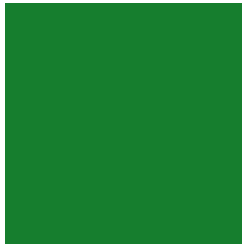


000000



# Previews

## White Background



This preview shows how the Hex color 167E2E looks on a white background.

## Color Contrast Check

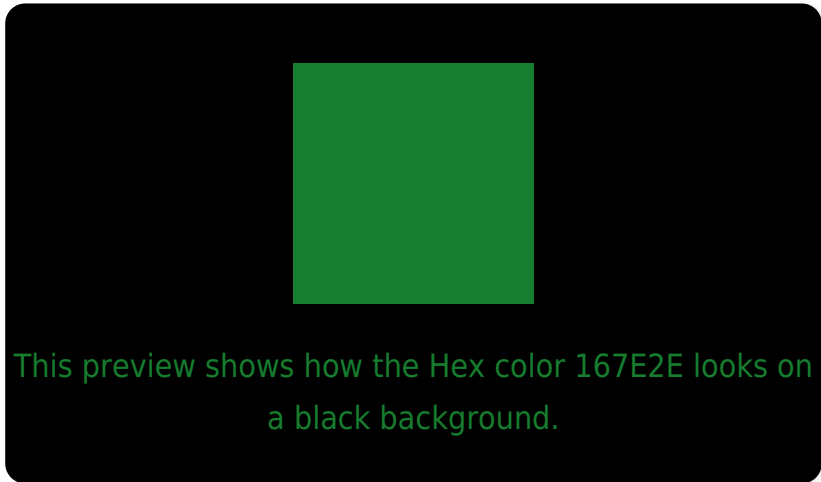
Large Text (above 18pt) WCAG AA ✓ Pass

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

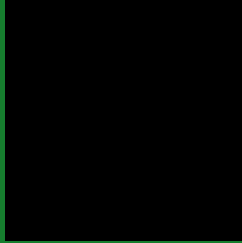
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 167E2E Background



This preview shows how black text looks on a background with the Hex color 167E2E.



This preview shows how white text looks on a background with the Hex color 167E2E.

# 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**  
167E2E

**Protanopia**  
796D29

**Deuteranopia**  
866735



**Tritanopia**  
367680

# Trichromacy



**Original Color**  
167E2E



**Protanomaly**  
55732B



**Deuteranomaly**  
5D6F32



**Tritanomaly**  
2A7962

# Monochromacy



**Original Color**  
167E2E



**Achromatopsia**  
565656



**Achromatomaly**  
3F6547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 167E2E 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 #167E2E looks like.

```
.text, #text, p{  
    color:#167E2E  
}
```

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 #167E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167E2E
}
```

## Border

The CSS property to change the border of an element to Hex 167E2E 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
#167E2E }
```

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

```
.border{ border-color:#167E2E }
```

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

Here you see how a box with a 4 pixel #167E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167E2E; -webkit-box-shadow:4px 4px  
4px 4px #167E2E; box-shadow:4px 4px 4px  
4px #167E2E }
```

# Background

The CSS property to change the background color of an element to Hex 167E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167E2E }
```

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

```
.background{ background-color:#167E2E }
```

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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