

# Converting Colors

Hex(1B871E)

Have a look what the booklet for  
Hex(1B871E) contains.

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**Color**

**Hex(1B871E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B871E
RGB	27, 135, 30
RGB Percent	11%, 53%, 12%
CMY	0.8941, 0.4706, 0.8824
CMYK	0.80, 0.00, 0.78, 0.47
HSL	122°, 67%, 32%
HSV	122°, 80%, 53%
XYZ	9.3503, 17.6547, 4.1432
YIQ	90.7380, -30.6630, -55.5510

# Conversions

## Conversions Part 2

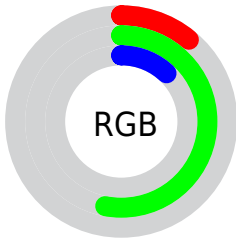
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	27, 132, 135
Decimal	1804062
CIE Lab	49.07, -49.68, 44.93
CIE LCh	49, 66.980, 137.875
Yxy	17.6547, 0.3002, 0.5668
Android (android.graphics.Color)	4279994142 (0xFF1B871E)
YUV	90.7380, -29.9438, -55.8982
Hunter-Lab	42.0175, -33.8083, 23.5659

# Details

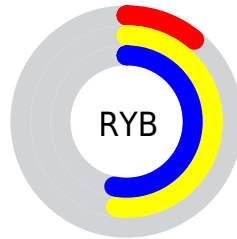
The Hex color **1B871E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **871B84**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5CBD52**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **0D8711**, and if you desaturate by 10%, it is **29872B**.

# Distribution



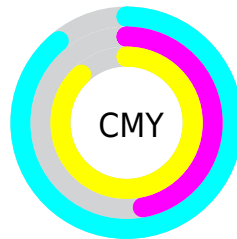
- Red (11%)
- Green (53%)
- Blue (12%)



- Red (11%)
- Yellow (52%)
- Blue (53%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1B871E 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 1B871E by changing the saturation by 10% instead.



 1B871E

 1B871E

FFFFFF

 006D00

 5CBD52

 005400

 79DA6C

 003B00

 95F686

 002600

 B2FFA1

 000000

 CFFFBD

 EDFFD9

 FFFFF6

 1B871E

 1B871E

■ 0D8711

■ 29872B

■ 008704

■ 368738

■ 448745

■ 518752

■ 5E8760

■ 6C876D

■ 7A877A

■ 878787

■ 958794

# Harmonies

## Analogous

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



6D7C00



1B871E



008C5B

# Triad

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



1B871E



0082E4



D73556

# Complementary

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



1B871E



871B84

# 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.



CD368E



1B871E



3270E2

# Square

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



1B871E



008BC8



A054C2



C54F1F

# Rectangle

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



1B871E



008E83



A054C2



D73068



# Sweetspot

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



1B871E



86B087



85871B



3F5940



D9D9D9



595959



# Same Dimension

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



1B871E



07B00C



1B8753



3C423C



008204



000300



# Inverse Universe

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



871B84



B007AB



871B4F



423C42



82007E



030002



# Previews

## White Background



This preview shows how the Hex color 1B871E looks on a white background.

## Color Contrast Check

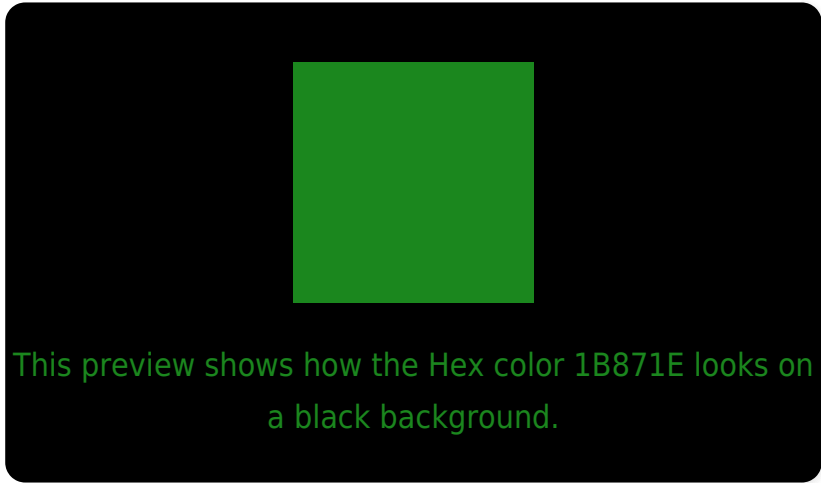
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1B871E Background



This preview shows how black text looks on a background with the Hex color 1B871E.



This preview shows how white text looks on a background with the Hex color 1B871E.

# 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**  
1B871E

**Protanopia**  
827419

**Deuteranopia**  
916E29



**Tritanopia**  
3D7E88

# Trichromacy



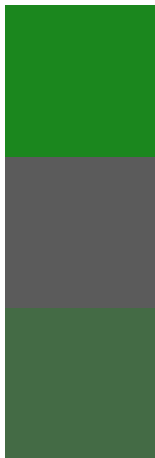
**Original Color**  
1B871E

**Protanomaly**  
5D7B1B

**Deuteranomaly**  
667725

**Tritanomaly**  
318161

# Monochromacy



**Original Color**  
1B871E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
446B45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1B871E 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 #1B871E looks like.

```
.text, #text, p{  
    color:#1B871E  
}
```

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 #1B871E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B871E
}
```

## Border

The CSS property to change the border of an element to Hex 1B871E 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
#1B871E }
```

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

```
.border{ border-color:#1B871E }
```

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

Here you see how a box with a 4 pixel #1B871E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B871E; -webkit-box-shadow:4px 4px  
4px 4px #1B871E; box-shadow:4px 4px 4px  
4px #1B871E }
```

# Background

The CSS property to change the background color of an element to Hex 1B871E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B871E }
```

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

```
.background{ background-color:#1B871E }
```

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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