

Converting Colors

Hex(1B7E51)

Have a look what the booklet for
Hex(1B7E51) contains.

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Color

Hex(1B7E51)

Conversions

Conversions Part 1

Format	Color
Hex	1B7E51
RGB	27, 126, 81
RGB Percent	11%, 49%, 32%
CMY	0.8941, 0.5059, 0.6824
CMYK	0.79, 0.00, 0.36, 0.51
HSL	153°, 65%, 30%
HSV	153°, 79%, 49%
XYZ	9.3981, 15.7488, 10.3291
YIQ	91.2690, -44.5590, -34.9830

Conversions

Conversions Part 2

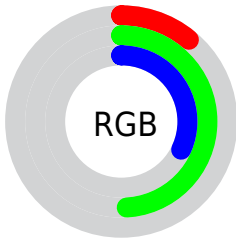
Format	Color
RYB	27, 91, 126
Decimal	1801809
CIELab	46.64, -38.81, 16.79
CIELCh	47, 42.283, 156.602
Yxy	15.7488, 0.2649, 0.4439
Android (android.graphics.Color)	4279991889 (0xFF1B7E51)
YUV	91.2690, -5.0626, -56.3639
Hunter-Lab	39.6848, -27.1764, 12.3474

Details

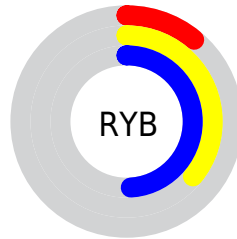
The Hex color **1B7E51** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E1B48**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **58B483**, and **004C24** is the 20% darker color. If you saturate the color by 10%, you get **0E7E4B**, and if you desaturate by 10%, it is **287E57**.

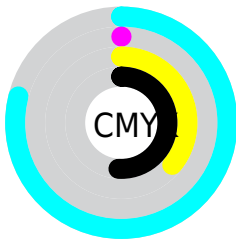
Distribution



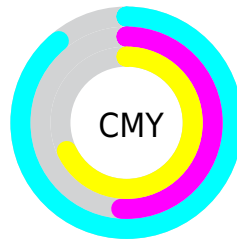
- Red (11%)
- Green (49%)
- Blue (32%)



- Red (11%)
- Yellow (36%)
- Blue (49%)



- Cyan (79%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7E51 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 1B7E51 by changing the saturation by 10% instead.

 1B7E51

 1B7E51

FFFFFF

 00643A

 58B483

 004C24

 74CF9D

 00340F

 8FECB8

 001F00

 ACFFD3

 000000

 C8FFF0

 E5FFFF

 1B7E51

 1B7E51

 0E7E4B

 287E57

■ 027E46

■ 347E5C

■ 007E45

■ 417E62

■ 4D7E68

■ 5A7E6E

■ 677E73

■ 737E79

■ 807E7F

■ 8C7E85

Harmonies

Analogous

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



557933



1B7E51



008076

Triad

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



1B7E51



3970B5



AC5546

Complementary

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



1B7E51



7E1B48

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.



B04F68



1B7E51



7B62A8

Square

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



1B7E51



007AAF



A0548B



99632C

Rectangle

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



1B7E51



00808D



A0548B



AF5251

Sweetspot

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



1B7E51



7CA391



497E1B



3A5247



D1D1D1



525252

Same Dimension

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



1B7E51



0AA35D



1B7B7E



39403D



008046



000000

Inverse Universe

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



7E1B48



A30A50



7E1E1B



40393C



80003A



000000

Previews

White Background



This preview shows how the Hex color 1B7E51 looks on a white background.

Color Contrast Check

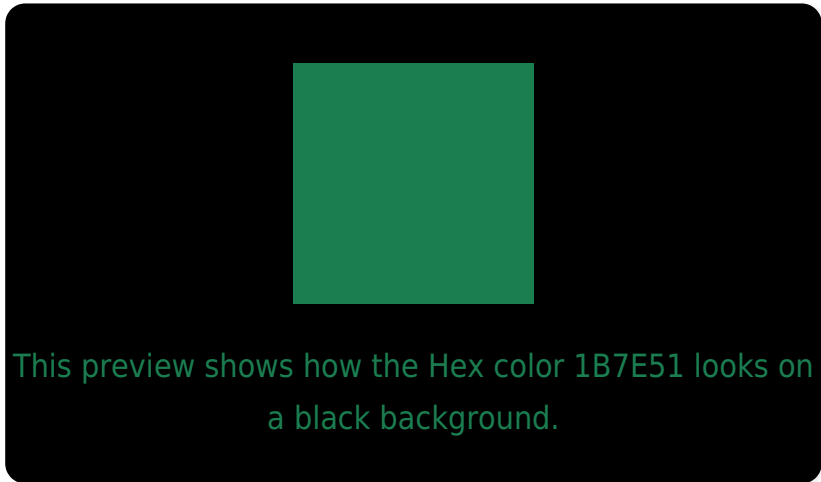
Large Text (above 18pt) WCAG AA ✓ Pass

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

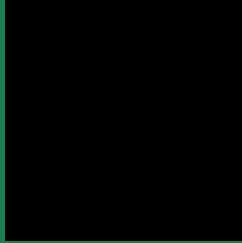
Any Text WCAG AA × Fail

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 1B7E51 Background



This preview shows how black text looks on a background with the Hex color 1B7E51.

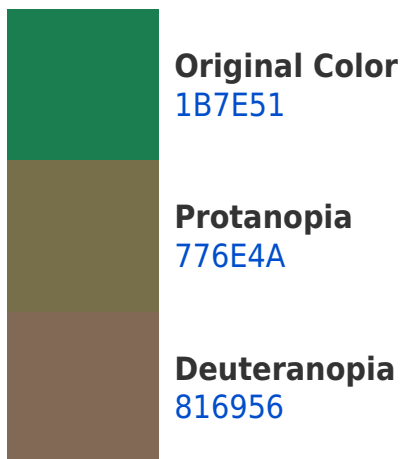


This preview shows how white text looks on a background with the Hex color 1B7E51.

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
337882

Trichromacy



Original Color
1B7E51



Protanomaly
56744D



Deuteranomaly
5C7154



Tritanomaly
2A7A70

Monochromacy



Original Color
1B7E51



Achromatopsia
5B5B5B



Achromatomaly
446857

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7E51 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 #1B7E51 looks like.

```
.text, #text, p{  
    color:#1B7E51  
}
```

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 #1B7E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7E51
}
```

Border

The CSS property to change the border of an element to Hex 1B7E51 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
#1B7E51 }
```

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

```
.border{ border-color:#1B7E51 }
```

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

Here you see how a box with a 4 pixel #1B7E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7E51; -webkit-box-shadow:4px 4px  
4px 4px #1B7E51; box-shadow:4px 4px 4px  
4px #1B7E51 }
```

Background

The CSS property to change the background color of an element to Hex 1B7E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7E51 }
```

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

```
.background{ background-color:#1B7E51 }
```

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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