

Converting Colors

Hex(1B6E60)

Have a look what the booklet for
Hex(1B6E60) contains.

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Color

Hex(1B6E60)

Conversions

Conversions Part 1

Format	Color
Hex	1B6E60
RGB	27, 110, 96
RGB Percent	11%, 43%, 38%
CMY	0.8941, 0.5686, 0.6235
CMYK	0.75, 0.00, 0.13, 0.57
HSL	170°, 61%, 27%
HSV	170°, 75%, 43%
XYZ	8.1392, 12.2294, 12.9979
YIQ	83.5870, -44.9740, -21.9500

Conversions

Conversions Part 2

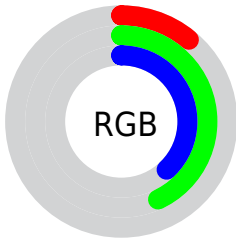
Format	Color
RYB	27, 72, 110
Decimal	1797728
CIELab	41.58, -27.80, 0.80
CIELCh	42, 27.808, 178.359
Yxy	12.2294, 0.2439, 0.3665
Android (android.graphics.Color)	4279987808 (0xFF1B6E60)
YUV	83.5870, 6.1196, -49.6268
Hunter-Lab	34.9706, -19.6534, 2.4425

Details

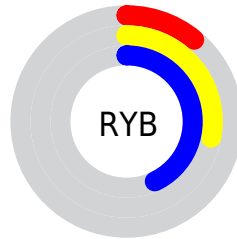
The Hex color **1B6E60** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E1B29**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **55A292**, and **003E32** is the 20% darker color. If you saturate the color by 10%, you get **106E5E**, and if you desaturate by 10%, it is **266E62**.

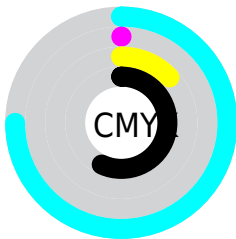
Distribution



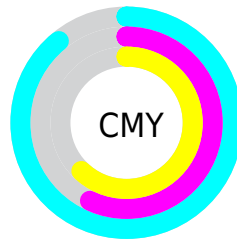
- Red (11%)
- Green (43%)
- Blue (38%)



- Red (11%)
- Yellow (28%)
- Blue (43%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (57%)



- Cyan (89%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B6E60 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 1B6E60 by changing the saturation by 10% instead.



1B6E60



1B6E60

FFFFFF



005548



55A292



003E32



70BDAD



00271D



8BD9C8



000B04



A7F6E4



000000



C3FFFF



E0FFFF



FEFFFF



1B6E60



1B6E60

■ 106E5E

■ 266E62

■ 056E5C

■ 316E64

■ 006E5B

■ 3C6E66

■ 476E67

■ 526E69

■ 5D6E6B

■ 686E6D

■ 736E6F

■ 7E6E71

Harmonies

Analogous

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



3F6C49



1B6E60



006E77

Triad

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



1B6E60



635D8A



84583C

Complementary

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



1B6E60



6E1B29

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.



8D524E



1B6E60



7E547A

Square

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



1B6E60



3C658F



8C5064



726034

Rectangle

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



1B6E60



006C84



8C5064



885641

Sweetspot

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



1B6E60



6E8F89



2A6E1B



334744



C7C7C7



474747

Same Dimension

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



1B6E60



0D8F79



1B546E



323837



007864



00F7CE

Inverse Universe

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



6E1B29



8F0D23



6E351B



383233



780014



F7002A

Previews

White Background



This preview shows how the Hex color 1B6E60 looks on a white background.

Color Contrast Check

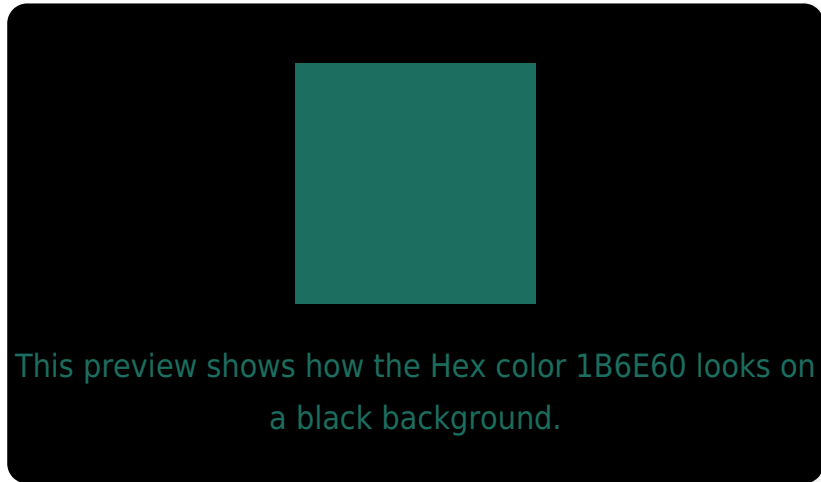
Large Text (above 18pt) WCAG AA ✓ Pass

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

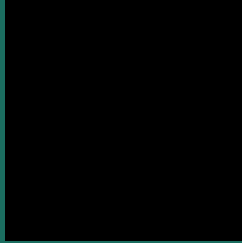
Any Text WCAG AA × Fail

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 1B6E60 Background



This preview shows how black text looks on a background with the Hex color 1B6E60.

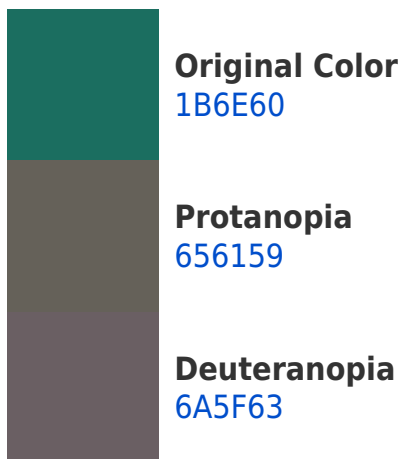


This preview shows how white text looks on a background with the Hex color 1B6E60.

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](#).

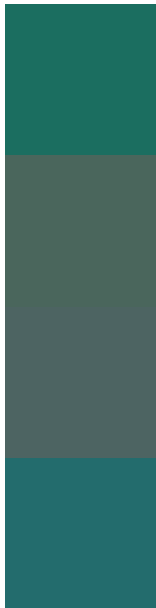
Dichromacy





Tritanopia
276B74

Trichromacy



Original Color
1B6E60

Protanomaly
4A665C

Deuteranomaly
4D6462

Tritanomaly
236C6D

Monochromacy



Original Color
1B6E60

Achromatopsia
545454

Achromatomaly
3F5D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B6E60 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 #1B6E60 looks like.

```
.text, #text, p{  
    color:#1B6E60  
}
```

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 #1B6E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B6E60
}
```

Border

The CSS property to change the border of an element to Hex 1B6E60 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
#1B6E60 }
```

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

```
.border{ border-color:#1B6E60 }
```

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

Here you see how a box with a 4 pixel #1B6E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B6E60; -webkit-box-shadow:4px 4px  
4px 4px #1B6E60; box-shadow:4px 4px 4px  
4px #1B6E60 }
```

Background

The CSS property to change the background color of an element to Hex 1B6E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B6E60 }
```

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

```
.background{ background-color:#1B6E60 }
```

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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