

Converting Colors

Hex(1B7674)

Have a look what the booklet for
Hex(1B7674) contains.

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Color

Hex(1B7674)

Conversions

Conversions Part 1

Format	Color
Hex	1B7674
RGB	27, 118, 116
RGB Percent	11%, 46%, 45%
CMY	0.8941, 0.5373, 0.5451
CMYK	0.77, 0.00, 0.02, 0.54
HSL	179°, 63%, 28%
HSV	179°, 77%, 46%
XYZ	10.0828, 14.4508, 18.7809
YIQ	90.5630, -53.5940, -19.9140

Conversions

Conversions Part 2

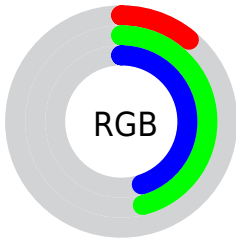
Format	Color
RYB	27, 73, 118
Decimal	1799796
CIELab	44.87, -25.69, -6.38
CIELCh	45, 26.470, 193.943
Yxy	14.4508, 0.2328, 0.3336
Android (android.graphics.Color)	4279989876 (0xFF1B7674)
YUV	90.5630, 12.5404, -55.7448
Hunter-Lab	38.0143, -19.1800, -2.6821

Details

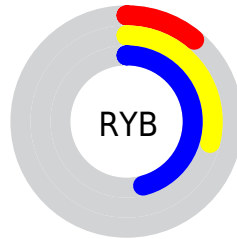
The Hex color **1B7674** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **761B1D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **58ABA8**, and **004544** is the 20% darker color. If you saturate the color by 10%, you get **0F7674**, and if you desaturate by 10%, it is **277674**.

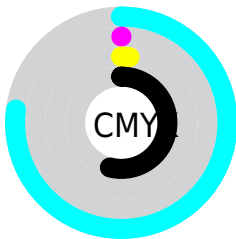
Distribution



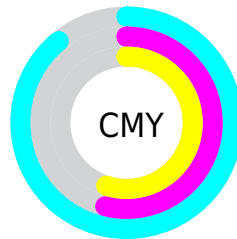
- Red (11%)
- Green (46%)
- Blue (45%)



- Red (11%)
- Yellow (29%)
- Blue (46%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)



- Cyan (89%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7674 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 1B7674 by changing the saturation by 10% instead.

 1B7674

 1B7674

FFFFFF

 005D5B

 58ABA8

 004544

 74C6C3

 002E2E

 90E2DF

 001A19

 ACFFFC

 000000

 C9FFF

 E6FFF

 1B7674

 1B7674

 0F7674

 277674

■ 037673

■ 337675

■ 007673

■ 3E7675

■ 4A7675

■ 567675

■ 627676

■ 6E7676

■ 797676

■ 857676

Harmonies

Analogous

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



3A755D



1B7674



117488

Triad

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



1B7674



7A618A



836540

Complementary

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



1B7674



761B1D

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.



915D4D



1B7674



8E5A77

Square

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



1B7674



5B6995



955961



6F6C3F

Rectangle

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



1B7674



287291



955961



896243

Sweetspot

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



1B7674



769998



1E761B



374D4C



CCCCCC



4D4D4D

Same Dimension

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



1B7674



0B9996



1B4C76



353B3B



007A78



00FAF4

Inverse Universe

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



761B1D



990B0E



76451B



3B3535



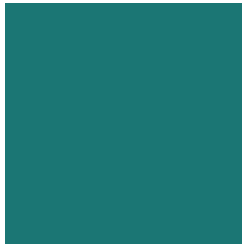
7A0003



FA0005

Previews

White Background



This preview shows how the Hex color 1B7674 looks on a white background.

Color Contrast Check

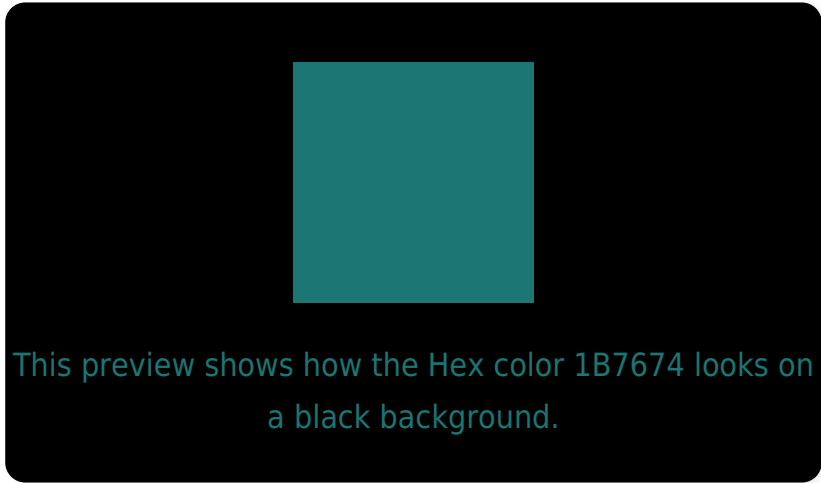
Large Text (above 18pt) WCAG AA ✓ Pass

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

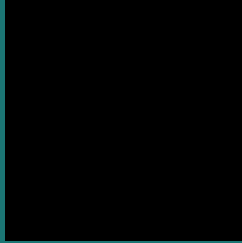
Any Text WCAG AA × Fail

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 1B7674 Background



This preview shows how black text looks on a background with the Hex color 1B7674.



This preview shows how white text looks on a background with the Hex color 1B7674.

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
1B7674

Protanopia
6B696C

Deuteranopia
6D6777

Trichromacy



Original Color

1B7674



Protanomaly

4E6E6F



Deuteranomaly

4F6C76



Tritanomaly

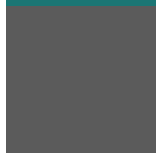
20757A

Monochromacy



Original Color

1B7674



Achromatopsia

5B5B5B



Achromatomaly

446564

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7674 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 #1B7674 looks like.

```
.text, #text, p{  
    color:#1B7674  
}
```

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 #1B7674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7674
}
```

Border

The CSS property to change the border of an element to Hex 1B7674 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
#1B7674 }
```

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

```
.border{ border-color:#1B7674 }
```

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

Here you see how a box with a 4 pixel #1B7674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7674; -webkit-box-shadow:4px 4px  
4px 4px #1B7674; box-shadow:4px 4px 4px  
4px #1B7674 }
```

Background

The CSS property to change the background color of an element to Hex 1B7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7674 }
```

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

```
.background{ background-color:#1B7674 }
```

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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