

Converting Colors

Hex(1B7074)

Have a look what the booklet for
Hex(1B7074) contains.

Hex(1B7074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1B7074)

Conversions

Conversions Part 1

Format	Color
Hex	1B7074
RGB	27, 112, 116
RGB Percent	11%, 44%, 45%
CMY	0.8941, 0.5608, 0.5451
CMYK	0.77, 0.03, 0.00, 0.55
HSL	183°, 62%, 28%
HSV	183°, 77%, 45%
XYZ	9.3986, 13.0823, 18.5528
YIQ	87.0410, -51.9440, -16.7760

Conversions

Conversions Part 2

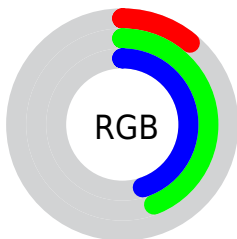
Format	Color
RYB	27, 70, 116
Decimal	1798260
CIELab	42.89, -22.61, -9.35
CIELCh	43, 24.468, 202.463
Yxy	13.0823, 0.2290, 0.3188
Android (android.graphics.Color)	4279988340 (0xFF1B7074)
YUV	87.0410, 14.2768, -52.6560
Hunter-Lab	36.1695, -16.9138, -5.0936

Details

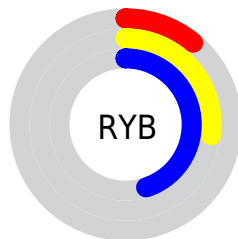
The Hex color **1B7074** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **741F1B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57A4A8**, and **004044** is the 20% darker color. If you saturate the color by 10%, you get **0F6F74**, and if you desaturate by 10%, it is **277174**.

Distribution



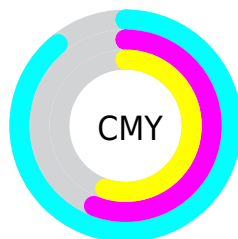
- Red (11%)
- Green (44%)
- Blue (45%)



- Red (11%)
- Yellow (27%)
- Blue (45%)



- Cyan (77%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B7074 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 1B7074 by changing the saturation by 10% instead.

 1B7074

 1B7074

FFFFFF

 00575B

 57A4A8

 004044

 73BFC3

 00292E

 8FDBDF

 001319

 ABF8FC

 000000

 C7FFFF

 E4FFFF

 1B7074

 1B7074

 0F6F74

 277174

■ 046F74

■ 327174

■ 006F74

■ 3E7274

■ 497274

■ 557374

■ 617374

■ 6C7474

■ 787474

■ 837574

Harmonies

Analogous

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



33705F



1B7074



216E85

Triad

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



1B7074



7A5B7E



77623D

Complementary

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



1B7074



741F1B

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.



865B46



1B7074



89566B

Square

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



1B7074



60628B



8D5757



63693F

Rectangle

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



1B7074



356B8B



8D5757



7D603F

Sweetspot

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



1B7074



749596



1B741E



374C4D



CCCCCC



4D4D4D

Same Dimension

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



1B7074



0C9096



1B4574



353A3B



00757A



00E9FA

Inverse Universe

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



741B70



960C90



744A1B



3B353A



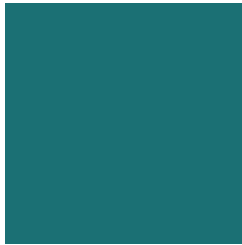
7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 1B7074 looks on a white background.

Color Contrast Check

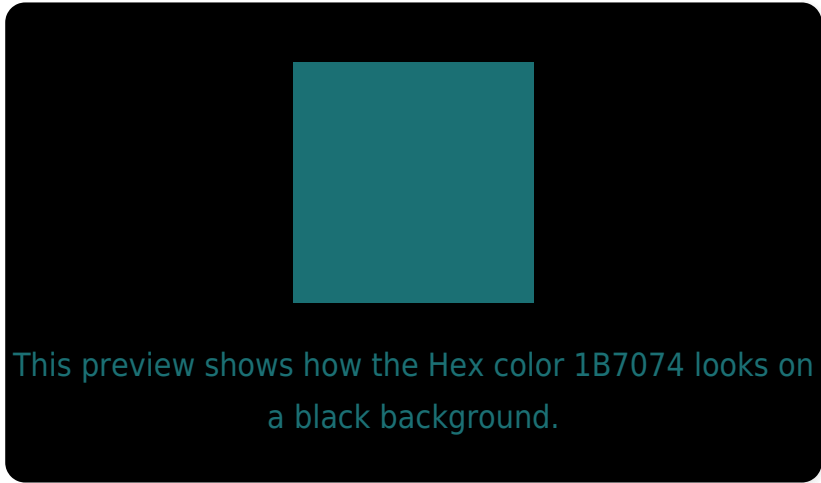
Large Text (above 18pt) WCAG AA ✓ Pass

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

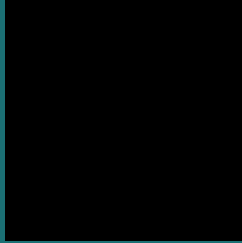
Any Text WCAG AA × Fail

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 1B7074 Background



This preview shows how black text looks on a background with the Hex color 1B7074.



This preview shows how white text looks on a background with the Hex color 1B7074.

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
1B7074

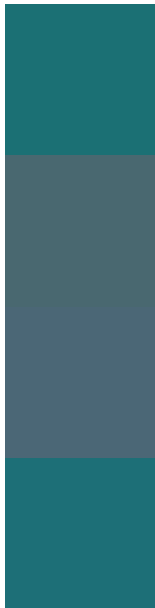
Protanopia
64646D

Deuteranopia
666277



Tritanopia
1E6F78

Trichromacy



Original Color
1B7074

Protanomaly
496870

Deuteranomaly
4B6776

Tritanomaly
1D6F77

Monochromacy



Original Color
1B7074

Achromatopsia
575757

Achromatomaly
416062

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B7074 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 #1B7074 looks like.

```
.text, #text, p{  
    color:#1B7074  
}
```

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 #1B7074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B7074
}
```

Border

The CSS property to change the border of an element to Hex 1B7074 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
#1B7074 }
```

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

```
.border{ border-color:#1B7074 }
```

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

Here you see how a box with a 4 pixel #1B7074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B7074; -webkit-box-shadow:4px 4px  
4px 4px #1B7074; box-shadow:4px 4px 4px  
4px #1B7074 }
```

Background

The CSS property to change the background color of an element to Hex 1B7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B7074 }
```

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

```
.background{ background-color:#1B7074 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor