

Converting Colors

Hex(0B9674)

Have a look what the booklet for
Hex(0B9674) contains.

Hex(0B9674)	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(0B9674)

Conversions

Conversions Part 1

Format	Color
Hex	0B9674
RGB	11, 150, 116
RGB Percent	4%, 59%, 45%
CMY	0.9569, 0.4118, 0.5451
CMYK	0.93, 0.00, 0.23, 0.41
HSL	165°, 86%, 32%
HSV	165°, 93%, 59%
XYZ	14.1967, 23.1448, 20.2421
YIQ	104.5630, -71.9300, -40.0420

Conversions

Conversions Part 2

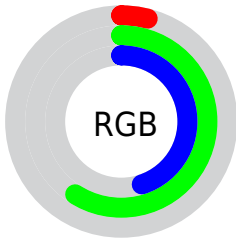
Format	Color
RYB	11, 90, 150
Decimal	759412
CIELab	55.22, -41.70, 8.65
CIElCh	55, 42.586, 168.282
Yxy	23.1448, 0.2465, 0.4019
Android (android.graphics.Color)	4278949492 (0xFF0B9674)
YUV	104.5630, 5.6384, -82.0548
Hunter-Lab	48.1090, -31.5163, 8.7297

Details

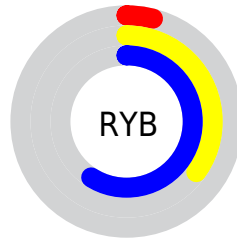
The Hex color **0B9674** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **960B2D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59CDA8**, and **006244** is the 20% darker color. If you saturate the color by 10%, you get **009671**, and if you desaturate by 10%, it is **1A9678**.

Distribution



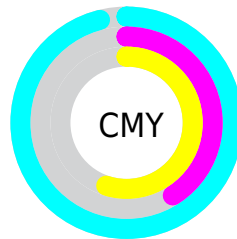
- Red (4%)
- Green (59%)
- Blue (45%)



- Red (4%)
- Yellow (35%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)




- Cyan (96%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B9674 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 0B9674 by changing the saturation by 10% instead.

 0B9674

 0B9674

FFFFFF

 007C5B

 59CDA8

 006244

 77EAC3

 00492E

 94FFDF

 003219

 B1FFFC

 001B00

 CEFFFF

 000000

 ECFFFF

 0B9674

 0B9674

 009671

 1A9678

 29967B

 38967F

 479683

 569686

 65968A

 74968E

 839691

 929695

Harmonies

Analogous

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



599251



0B9674



00979A

Triad

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



0B9674



6F80CA



BF704F

Complementary

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



0B9674



960B2D

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.



CA666F



0B9674



A372B6

Square

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



0B9674



008CCC



C16794



A67D3A

Rectangle

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



0B9674



0095B1



C16794



C56C58

Sweetspot

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



0B9674



8CC2B5



2E960B



406159



E0E0E0



616161

Same Dimension

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



0B9674



00C292



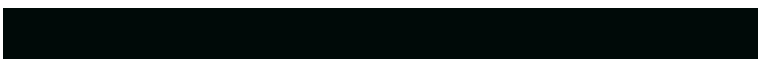
0B7396



434A48



008A68



000A08

Inverse Universe

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



960B2D



C2002F



962E0B



4A4344



8A0022



0A0002

Previews

White Background



This preview shows how the Hex color 0B9674 looks on a white background.

Color Contrast Check

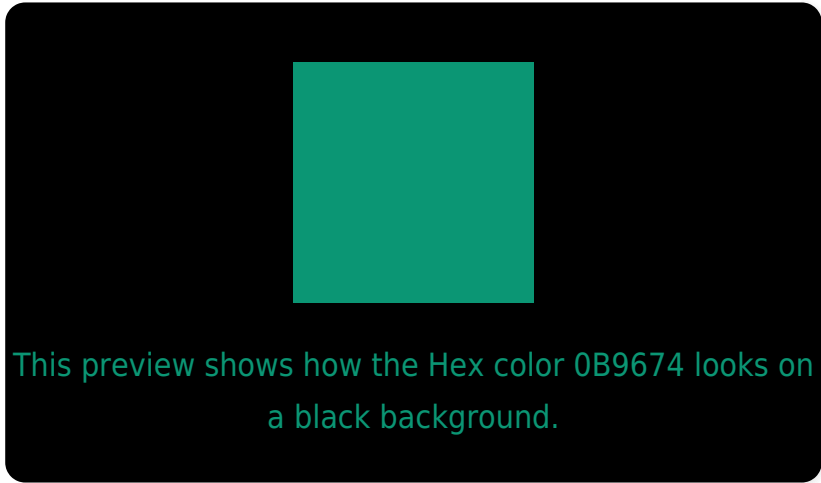
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

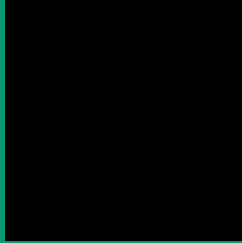
Any Text WCAG AA ✓ Pass

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 0B9674 Background



This preview shows how black text looks on a background with the Hex color 0B9674.

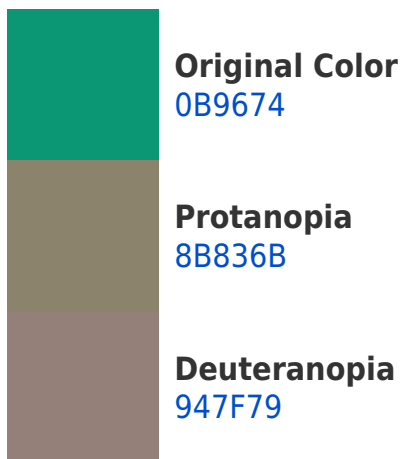


This preview shows how white text looks on a background with the Hex color 0B9674.

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
30919C

Trichromacy



Original Color

0B9674



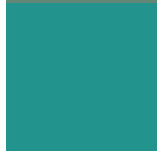
Protanomaly

5C8A6E



Deuteranomaly

628777



Tritanomaly

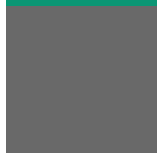
23938D

Monochromacy



Original Color

0B9674



Achromatopsia

696969



Achromatomaly

47796D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B9674 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 #0B9674 looks like.

```
.text, #text, p{  
    color:#0B9674  
}
```

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 #0B9674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B9674
}
```

Border

The CSS property to change the border of an element to Hex 0B9674 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
#0B9674 }
```

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

```
.border{ border-color:#0B9674 }
```

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

Here you see how a box with a 4 pixel #0B9674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B9674; -webkit-box-shadow:4px 4px  
4px 4px #0B9674; box-shadow:4px 4px 4px  
4px #0B9674 }
```

Background

The CSS property to change the background color of an element to Hex 0B9674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B9674 }
```

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

```
.background{ background-color:#0B9674 }
```

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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