

Converting Colors

Hex(00B274)

Have a look what the booklet for
Hex(00B274) contains.

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Color

Hex(00B274)

Conversions

Conversions Part 1

Format	Color
Hex	00B274
RGB	0, 178, 116
RGB Percent	0%, 70%, 45%
CMY	1.0000, 0.3020, 0.5451
CMYK	1.00, 0.00, 0.35, 0.30
HSL	159°, 100%, 35%
HSV	159°, 100%, 70%
XYZ	19.0728, 33.1017, 21.9070
YIQ	117.7100, -86.1860, -57.0180

Conversions

Conversions Part 2

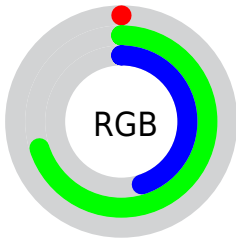
Format	Color
RYB	0, 108, 178
Decimal	45684
CIELab	64.24, -53.15, 21.16
CIELCh	64, 57.206, 158.295
Yxy	33.1017, 0.2575, 0.4468
Android (android.graphics.Color)	4278235764 (0xFF00B274)
YUV	117.7100, -0.8430, -103.2317
Hunter-Lab	57.5341, -41.5113, 17.6983

Details

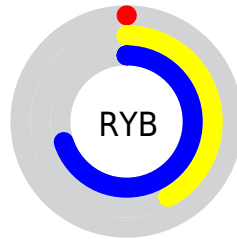
The Hex color **00B274** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B2003E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5EEBA8**, and **007C43** is the 20% darker color. If you saturate the color by 10%, you get **00B274**, and if you desaturate by 10%, it is **12B27A**.

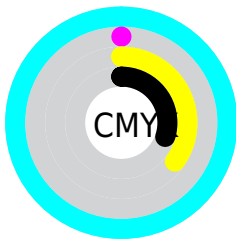
Distribution



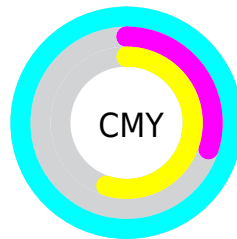
- Red (0%)
- Green (70%)
- Blue (45%)



- Red (0%)
- Yellow (42%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B274 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 00B274 by changing the saturation by 10% instead.

 00B274

 00B274

FFFFFF

 00975B

 5EEBA8

 007C43

 7DFFC4

 00622C

 9BFFE0

 004917

 BAFFFC

 003200

 D8FFFF

 001700

 F6FFFF

 000000

 00B274

 12B27A

 24B280

 35B287

 47B28D

 59B293

 6BB299

 7DB29F

 8EB2A6

 A0B2AC

Harmonies

Analogous

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



73AB47



00B274



00B5A9

Triad

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



00B274



519DFF



F2785F

Complementary

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



00B274



B2003E

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.



F96D90



00B274



B188EC

Square

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



00B274



00ABFA



E574C3



D58B3A

Rectangle

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



00B274



00B4CB



E574C3



F7736E

Sweetspot

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



00B274



A2E8D0



3EB200



4B7567



F5F5F5



757575

Same Dimension

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



00B274



00E897



0097B2



505956



009964



001A11

Inverse Universe

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



B2003E



E80051



B21B00



595053



990035



1A0009

Previews

White Background



This preview shows how the Hex color 00B274 looks on a white background.

Color Contrast Check

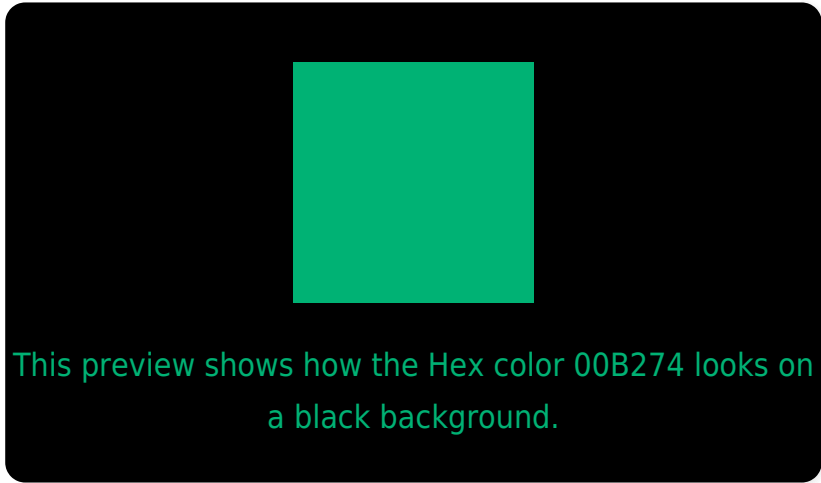
Large Text (above 18pt) WCAG AA × Fail

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

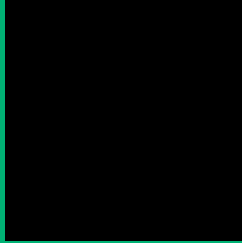
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00B274 Background



This preview shows how black text looks on a background with the Hex color 00B274.

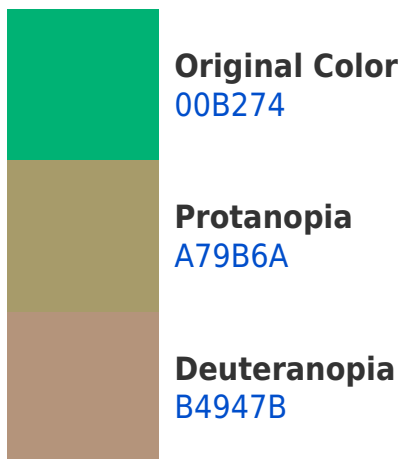


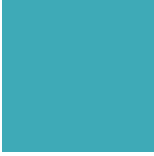
This preview shows how white text looks on a background with the Hex color 00B274.

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
3EAAB7

Trichromacy



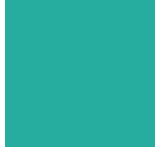
Original Color
00B274



Protanomaly
6AA36E



Deuteranomaly
739F78



Tritanomaly
27AD9F

Monochromacy



Original Color
00B274



Achromatopsia
767676



Achromatomaly
4B8C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B274 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 #00B274 looks like.

```
.text, #text, p{  
  color:#00B274  
}
```

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 #00B274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B274
}
```

Border

The CSS property to change the border of an element to Hex 00B274 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
#00B274 }
```

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

```
.border{ border-color:#00B274 }
```

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

Here you see how a box with a 4 pixel #00B274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B274; -webkit-box-shadow:4px 4px  
4px 4px #00B274; box-shadow:4px 4px 4px  
4px #00B274 }
```

Background

The CSS property to change the background color of an element to Hex 00B274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B274 }
```

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

```
.background{ background-color:#00B274 }
```

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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