

Converting Colors

Hex(00974D)

Have a look what the booklet for
Hex(00974D) contains.

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Color

Hex(00974D)

Conversions

Conversions Part 1

Format	Color
Hex	00974D
RGB	0, 151, 77
RGB Percent	0%, 59%, 30%
CMY	1.0000, 0.4078, 0.6980
CMYK	1.00, 0.00, 0.49, 0.41
HSL	151°, 100%, 30%
HSV	151°, 100%, 59%
XYZ	12.4062, 22.6690, 10.7429
YIQ	97.4150, -66.2420, -55.0260

Conversions

Conversions Part 2

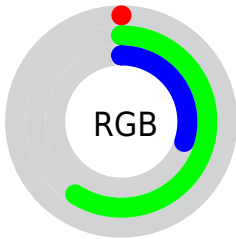
Format	Color
RYB	0, 100, 151
Decimal	38733
CIELab	54.73, -51.24, 29.53
CIELCh	55, 59.139, 150.043
Yxy	22.6690, 0.2708, 0.4948
Android (android.graphics.Color)	4278228813 (0xFF00974D)
YUV	97.4150, -10.0646, -85.4330
Hunter-Lab	47.6120, -36.8097, 19.9506

Details

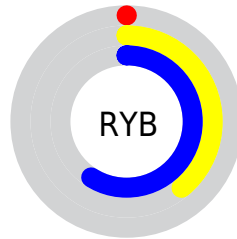
The Hex color **00974D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **97004A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **56CE7F**, and **00621E** is the 20% darker color. If you saturate the color by 10%, you get **00974D**, and if you desaturate by 10%, it is **0F9754**.

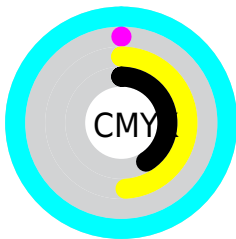
Distribution



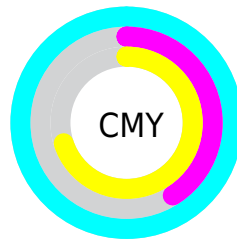
- Red (0%)
- Green (59%)
- Blue (30%)



- Red (0%)
- Yellow (39%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00974D 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 00974D by changing the saturation by 10% instead.

 00974D

 00974D

FFFFFF

 007C35

 56CE7F

 00621E

 74EB9A

 004905

 91FFB5

 003200

 AEFFD0

 001900

 CCFED

 000000

 EAFFFF

 00974D

 0F9754

 1E975C

 2D9763

 3C976B

 4C9772

 5B9779

 6A9781

 799788

 889790

Harmonies

Analogous

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



698F1F



00974D



009B81

Triad

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



00974D



0089EA



DB5853

Complementary

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



00974D



97004A

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.



DC5085



00974D



8175DC

Square

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



00974D



0095DB



C05EB7



C46D27

Rectangle

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



00974D



009BA5



C05EB7



DE5363

Sweetspot

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



00974D



89C4A7



4C9700



406352



E3E3E3



636363

Same Dimension

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



00974D



00C464



009797



454D49



008C48



000D07

Inverse Universe

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



97004A



C40060



970000



4D4549



8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 00974D looks on a white background.

Color Contrast Check

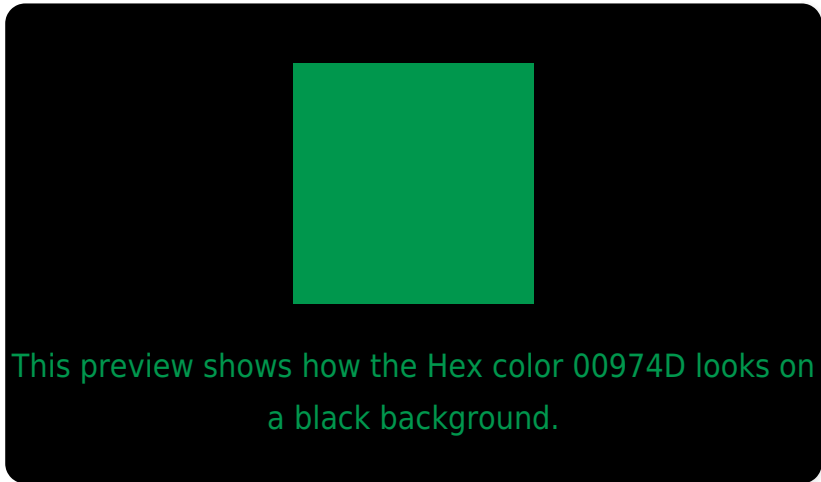
Large Text (above 18pt) WCAG AA ✓ Pass

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 00974D Background



This preview shows how black text looks on a background with the Hex color 00974D.



This preview shows how white text looks on a background with the Hex color 00974D.

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
3A8E9A

Trichromacy



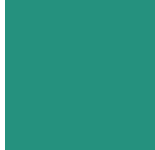
Original Color
00974D



Protanomaly
5B8A49



Deuteranomaly
648651



Tritanomaly
25917E

Monochromacy



Original Color
00974D



Achromatopsia
616161



Achromatomaly
3E755A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00974D 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 #00974D looks like.

```
.text, #text, p{  
    color:#00974D  
}
```

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 #00974D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00974D
}
```

Border

The CSS property to change the border of an element to Hex 00974D 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
#00974D }
```

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

```
.border{ border-color:#00974D }
```

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

Here you see how a box with a 4 pixel #00974D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00974D; -webkit-box-shadow:4px 4px  
4px 4px #00974D; box-shadow:4px 4px 4px  
4px #00974D }
```

Background

The CSS property to change the background color of an element to Hex 00974D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00974D }
```

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

```
.background{ background-color:#00974D }
```

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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