

Converting Colors

Hex(00924B)

Have a look what the booklet for
Hex(00924B) contains.

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Color

Hex(00924B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00924B |
| RGB | 0, 146, 75 |
| RGB Percent | 0%, 57%, 29% |
| CMY | 1.0000, 0.4275, 0.7059 |
| CMYK | 1.00, 0.00, 0.49, 0.43 |
| HSL | 151°, 100%, 29% |
| HSV | 151°, 100%, 57% |
| XYZ | 11.5489, 21.0658, 10.1140 |
| YIQ | 94.2520, -64.2250, -53.0330 |

Conversions

Conversions Part 2

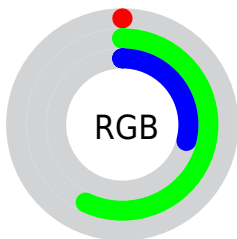
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 96, 146 |
| Decimal | 37451 |
| CIELab | 53.02, -49.86, 28.43 |
| CIELCh | 53, 57.391, 150.311 |
| Yxy | 21.0658, 0.2703, 0.4930 |
| Android (android.graphics.Color) | 4278227531 (0xFF00924B) |
| YUV | 94.2520, -9.4912, -82.6590 |
| Hunter-Lab | 45.8975, -35.4057, 19.0630 |

Details

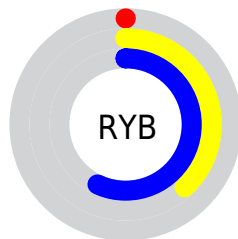
The Hex color **00924B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **920047**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **54C97D**, and **005E1C** is the 20% darker color. If you saturate the color by 10%, you get **00924B**, and if you desaturate by 10%, it is **0F9252**.

Distribution



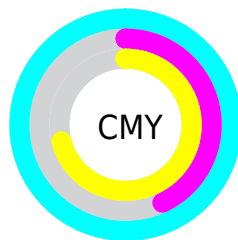
- Red (0%)
- Green (57%)
- Blue (29%)



- Red (0%)
- Yellow (38%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00924B 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 00924B by changing the saturation by 10% instead.

 00924B

 00924B

FFFFFF

 007833

 54C97D

 005E1C

 72E697

 004504

 8FFFB2

 002F00

 ACFFCE

 001200

 C9FFEA

 000000

 E7FFFF

 00924B

 0F9252

 1D9259

 2C9260

 3A9267

 49926F

 589276

 66927D

 759284

 83928B

Harmonies

Analogous

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



658A1F



00924B



00957E

Triad

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



00924B



0084E2



D45550

Complementary

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



00924B



920047

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.



D54E80



00924B



7E71D4

Square

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



00924B



0090D4



BA5BB0



BD6926

Rectangle

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



00924B



00969F



BA5BB0



D7505F

Sweetspot

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



00924B



84BDA1



499200



3C5E4E



DEDEDE



5E5E5E

Same Dimension

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



00924B



00BD61



009292



434A46



008A47



000A05

Inverse Universe

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



920047



BD005C



920000



4A4346



8A0043



0A0005

Previews

White Background



This preview shows how the Hex color 00924B looks on a white background.

Color Contrast Check

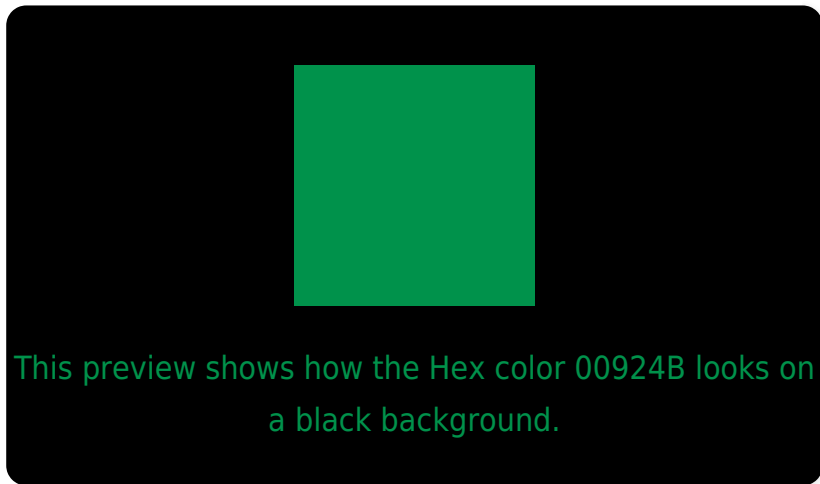
Large Text (above 18pt) WCAG AA ✓ Pass

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 00924B Background



This preview shows how black text looks on a background with the Hex color 00924B.

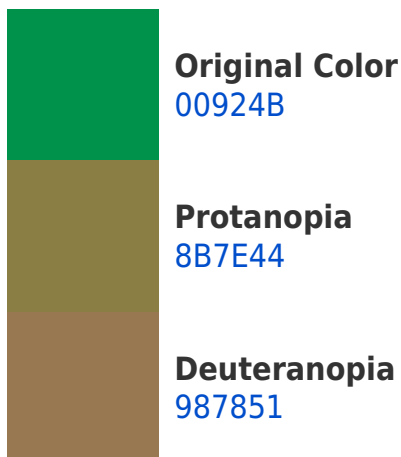


This preview shows how white text looks on a background with the Hex color 00924B.

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](#).

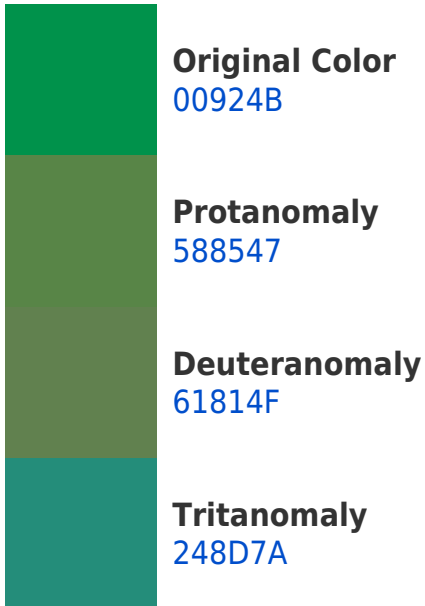
Dichromacy



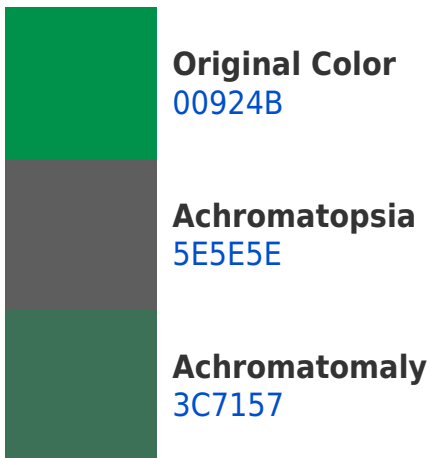


Tritanopia
388A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00924B 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 #00924B looks like.

```
.text, #text, p{  
    color:#00924B  
}
```

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 #00924B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00924B
}
```

Border

The CSS property to change the border of an element to Hex 00924B 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
#00924B }
```

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

```
.border{ border-color:#00924B }
```

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

Here you see how a box with a 4 pixel #00924B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00924B; -webkit-box-shadow:4px 4px  
4px 4px #00924B; box-shadow:4px 4px 4px  
4px #00924B }
```

Background

The CSS property to change the background color of an element to Hex 00924B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00924B }
```

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

```
.background{ background-color:#00924B }
```

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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