

Converting Colors

Hex(00904C)

Have a look what the booklet for
Hex(00904C) contains.

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Color

Hex(00904C)

Conversions

Conversions Part 1

Format	Color
Hex	00904C
RGB	0, 144, 76
RGB Percent	0%, 56%, 30%
CMY	1.0000, 0.4353, 0.7020
CMYK	1.00, 0.00, 0.47, 0.44
HSL	152°, 100%, 28%
HSV	152°, 100%, 56%
XYZ	11.2778, 20.4683, 10.1939
YIQ	93.1920, -63.9960, -51.6760

Conversions

Conversions Part 2

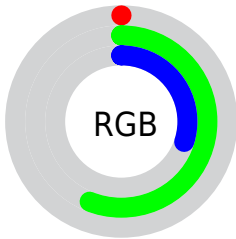
Format	Color
RYB	0, 94, 144
Decimal	36940
CIELab	52.36, -48.97, 27.05
CIELCh	52, 55.946, 151.083
Yxy	20.4683, 0.2689, 0.4880
Android (android.graphics.Color)	4278227020 (0xFF00904C)
YUV	93.1920, -8.4757, -81.7294
Hunter-Lab	45.2419, -34.6775, 18.3102

Details

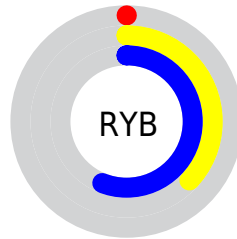
The Hex color **00904C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **900044**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **54C77E**, and **005C1E** is the 20% darker color. If you saturate the color by 10%, you get **00904C**, and if you desaturate by 10%, it is **0E9053**.

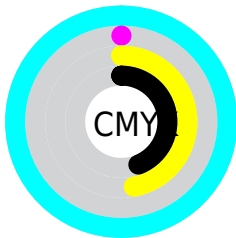
Distribution



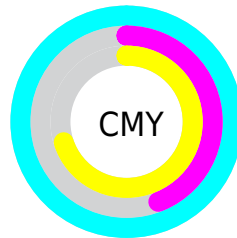
- Red (0%)
- Green (56%)
- Blue (30%)



- Red (0%)
- Yellow (37%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00904C 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 00904C by changing the saturation by 10% instead.

 00904C

 00904C

FFFFFF

 007634

 54C77E

 005C1E

 71E398

 004306

 8EFFB3

 002D00

 ABFFCF

 000F00

 C8FFEB

 000000

 E6FFFF

 00904C

 0E9053

 1D905A

 2B9060

 3A9067

 48906E

 569075

 65907C

 739082

 829089

Harmonies

Analogous

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



638821



00904C



00937D

Triad

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



00904C



0082DD



D0554E

Complementary

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



00904C



900044

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.



D14E7D



00904C



7F6FD0

Square

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



00904C



008ED1



B85AAC



B96926

Rectangle

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



00904C



00939E



B85AAC



D3515D

Sweetspot

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



00904C



82BAA0



469000



3C5E4E



DEDEDE



5E5E5E

Same Dimension

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



00904C



00BA62



008E90



404744



008747



000804

Inverse Universe

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



900044



BA0058



900200



474044



870040



080004

Previews

White Background



This preview shows how the Hex color 00904C looks on a white background.

Color Contrast Check

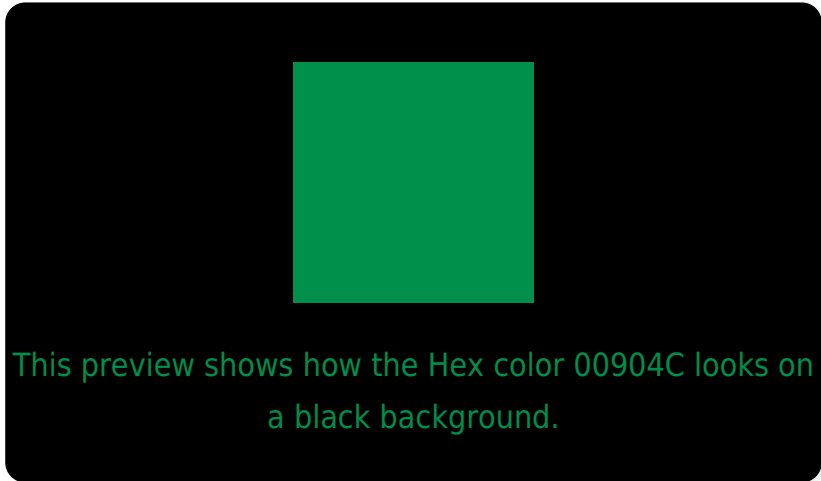
Large Text (above 18pt) WCAG AA ✓ Pass

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 00904C Background



This preview shows how black text looks on a background with the Hex color 00904C.



This preview shows how white text looks on a background with the Hex color 00904C.

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
368893

Trichromacy



Original Color
00904C



Protanomaly
578348



Deuteranomaly
5F8050



Tritanomaly
228B79

Monochromacy



Original Color
00904C



Achromatopsia
5D5D5D



Achromatomaly
3B7057

CSS Examples

Text

The CSS property to change the color of the text to Hex 00904C 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 #00904C looks like.

```
.text, #text, p{  
    color:#00904C  
}
```

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 #00904C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00904C
}
```

Border

The CSS property to change the border of an element to Hex 00904C 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
#00904C }
```

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

```
.border{ border-color:#00904C }
```

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

Here you see how a box with a 4 pixel #00904C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00904C; -webkit-box-shadow:4px 4px  
4px 4px #00904C; box-shadow:4px 4px 4px  
4px #00904C }
```

Background

The CSS property to change the background color of an element to Hex 00904C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00904C }
```

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

```
.background{ background-color:#00904C }
```

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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