

Converting Colors

Hex(06924E)

Have a look what the booklet for
Hex(06924E) contains.

Hex(06924E)	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(06924E)

Conversions

Conversions Part 1

Format	Color
Hex	06924E
RGB	6, 146, 78
RGB Percent	2%, 57%, 31%
CMY	0.9765, 0.4275, 0.6941
CMYK	0.96, 0.00, 0.47, 0.43
HSL	151°, 92%, 30%
HSV	151°, 96%, 57%
XYZ	11.7291, 21.1465, 10.6712
YIQ	96.3880, -61.6120, -50.8280

Conversions

Conversions Part 2

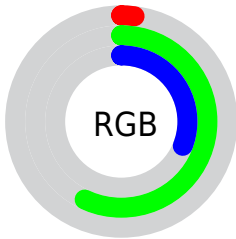
Format	Color
RYB	6, 98, 146
Decimal	430670
CIELab	53.11, -48.95, 26.94
CIELCh	53, 55.879, 151.173
Yxy	21.1465, 0.2693, 0.4856
Android (android.graphics.Color)	4278620750 (0xFF06924E)
YUV	96.3880, -9.0653, -79.2703
Hunter-Lab	45.9854, -34.9458, 18.4311

Details

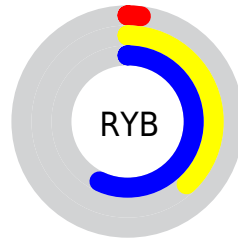
The Hex color **06924E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **92064A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C980**, and **005E1F** is the 20% darker color. If you saturate the color by 10%, you get **00924B**, and if you desaturate by 10%, it is **159255**.

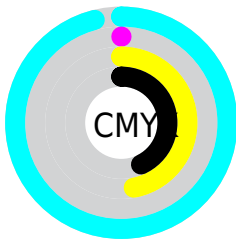
Distribution



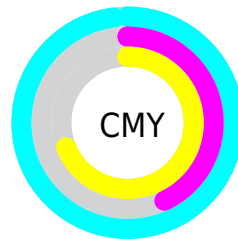
- Red (2%)
- Green (57%)
- Blue (31%)



- Red (2%)
- Yellow (38%)
- Blue (57%)



- Cyan (96%)
- Magenta (0%)
- Yellow (47%)
- Black (43%)



- Cyan (98%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06924E 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 06924E by changing the saturation by 10% instead.

 06924E

 06924E

FFFFFF

 007836

 56C980

 005E1F

 73E69A

 004508

 90FFB5

 002E00

 ADFFD1

 001300

 CBFEE

 000000

 E8FFFF

 06924E

 06924E

 00924B

 159255

 23925C

 329263

 40926A

 4F9271

 5E9279

 6C9280

 7B9287

 89928E

Harmonies

Analogous

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



658A24



06924E



00957F

Triad

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



06924E



0084DF



D25850

Complementary

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



06924E



92064A

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.



D3507F



06924E



8171D2

Square

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



06924E



0090D3



BA5CAE



BB6B28

Rectangle

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



06924E



0095A0



BA5CAE



D5535F

Sweetspot

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



06924E



86BDA2



4C9206



3D5E4E



DEDEDE



5E5E5E

Same Dimension

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



06924E



00BD61



069292



434A46



008A47



000A05

Inverse Universe

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



92064A



BD005C



920606



4A4346



8A0043



0A0005

Previews

White Background



This preview shows how the Hex color 06924E looks on a white background.

Color Contrast Check

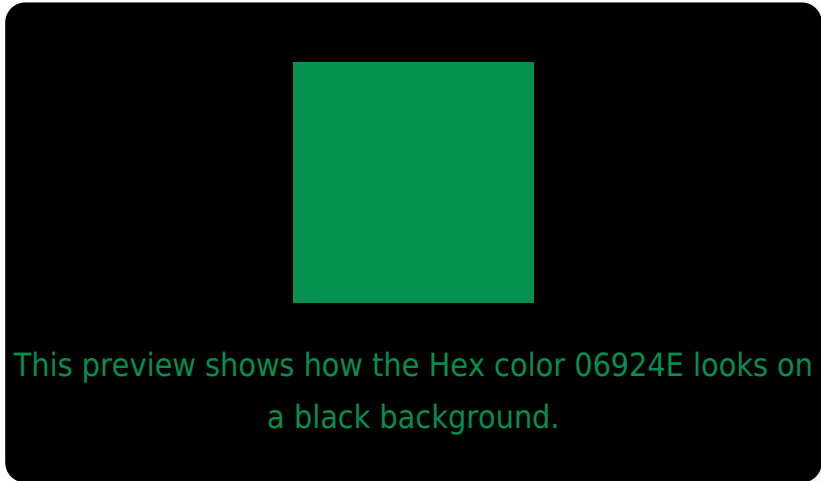
Large Text (above 18pt) WCAG AA ✓ Pass

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 06924E Background



This preview shows how black text looks on a background with the Hex color 06924E.



This preview shows how white text looks on a background with the Hex color 06924E.

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
378A95

Trichromacy



Original Color
06924E



Protanomaly
5B854A



Deuteranomaly
628252



Tritanomaly
258D7B

Monochromacy



Original Color
06924E



Achromatopsia
606060



Achromatomaly
3F7259

CSS Examples

Text

The CSS property to change the color of the text to Hex 06924E 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 #06924E looks like.

```
.text, #text, p{  
    color:#06924E  
}
```

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 #06924E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06924E
}
```

Border

The CSS property to change the border of an element to Hex 06924E 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
#06924E }
```

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

```
.border{ border-color:#06924E }
```

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

Here you see how a box with a 4 pixel #06924E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06924E; -webkit-box-shadow:4px 4px  
4px 4px #06924E; box-shadow:4px 4px 4px  
4px #06924E }
```

Background

The CSS property to change the background color of an element to Hex 06924E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06924E }
```

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

```
.background{ background-color:#06924E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor