

Converting Colors

Hex(094C4E)

Have a look what the booklet for
Hex(094C4E) contains.

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Color

Hex(094C4E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 094C4E |
| RGB | 9, 76, 78 |
| RGB Percent | 4%, 30%, 31% |
| CMY | 0.9647, 0.7020, 0.6941 |
| CMYK | 0.88, 0.03, 0.00, 0.69 |
| HSL | 182°, 79%, 17% |
| HSV | 182°, 88%, 31% |
| XYZ | 4.0722, 5.7770, 8.1082 |
| YIQ | 56.1950, -40.5740, -13.5820 |

Conversions

Conversions Part 2

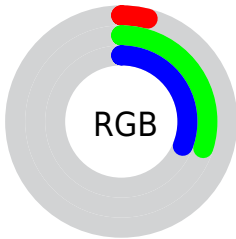
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 9, 43, 78 |
| Decimal | 609358 |
| CIE _{Lab} | 28.84, -18.33, -6.83 |
| CIE _{LCh} | 29, 19.560, 200.431 |
| Yxy | 5.7770, 0.2268, 0.3217 |
| Android (android.graphics.Color) | 4278799438 (0xFF094C4E) |
| YUV | 56.1950, 10.7499, -41.3900 |
| Hunter-Lab | 24.0354, -11.8193, -3.1762 |

Details

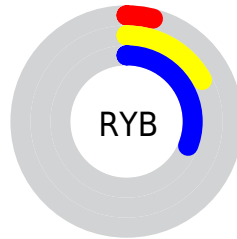
The Hex color **094C4E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E0B09**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **447D7F**, and **002022** is the 20% darker color. If you saturate the color by 10%, you get **014C4E**, and if you desaturate by 10%, it is **114C4E**.

Distribution



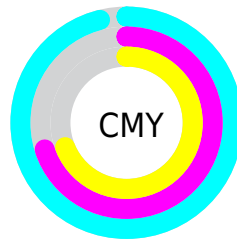
- Red (4%)
- Green (30%)
- Blue (31%)



- Red (4%)
- Yellow (17%)
- Blue (31%)



- Cyan (88%)
- Magenta (3%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094C4E 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 094C4E by changing the saturation by 10% instead.

094C4E

094C4E

FFFFFF

003537

447D7F

002022

5E9799

00000C

78B2B4

000000

93CECF

AEEAEB

CBFFFF

E7FFFF

094C4E

094C4E

■ 014C4E

■ 114C4E

■ 004C4E

■ 194C4E

■ 204D4E

■ 284D4E

■ 304D4E

■ 384D4E

■ 404E4E

■ 474E4E

■ 4F4E4E

Harmonies

Analogous

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



1F4C3E



094C4E



0B4A5B

Triad

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



094C4E



523C57



524126

Complementary

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



094C4E



4E0B09

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.



5D3C2D



094C4E



5E3949

Square

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



094C4E



3F4260



62393A



444627

Rectangle

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



094C4E



1D4860



62393A



564028

Sweetspot

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



094C4E



4A6566



094E0A



233333



B3B3B3



333333

Same Dimension

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



094C4E



006366



092A4E



222626



00DFE6

Inverse Universe

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



4E094C



660063



4E2D09



262226



E600DF

Previews

White Background



This preview shows how the Hex color 094C4E looks on a white background.

Color Contrast Check

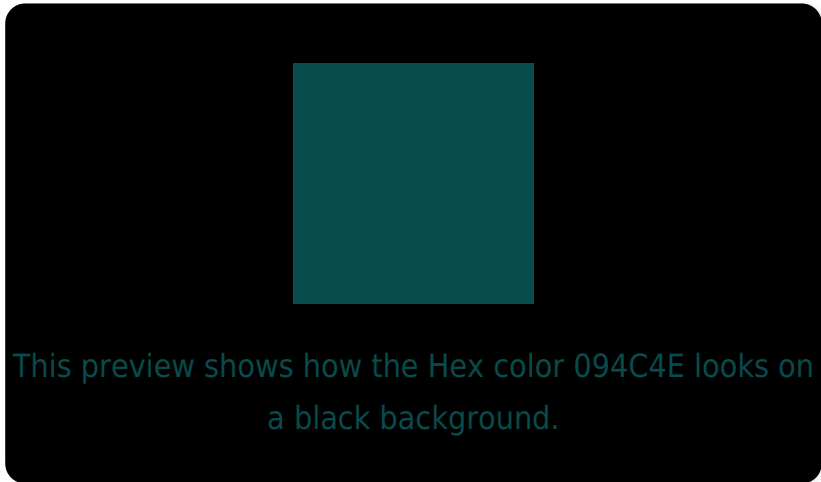
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

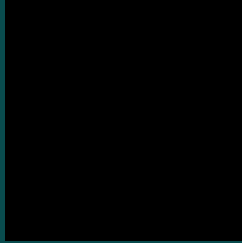
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 094C4E Background



This preview shows how black text looks on a background with the Hex color 094C4E.

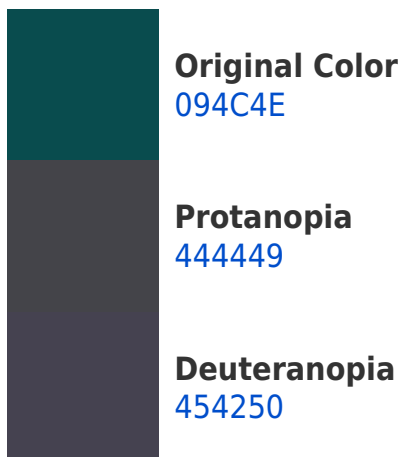


This preview shows how white text looks on a background with the Hex color 094C4E.

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
0E4B52

Trichromacy



Original Color
094C4E

Protanomaly
2F474B

Deuteranomaly
2F464F

Tritanomaly
0C4B51

Monochromacy



Original Color
094C4E

Achromatopsia
383838

Achromatomaly
273F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 094C4E 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 #094C4E looks like.

```
.text, #text, p{  
    color:#094C4E  
}
```

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 #094C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094C4E
}
```

Border

The CSS property to change the border of an element to Hex 094C4E 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
#094C4E }
```

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

```
.border{ border-color:#094C4E }
```

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

Here you see how a box with a 4 pixel #094C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094C4E; -webkit-box-shadow:4px 4px  
4px 4px #094C4E; box-shadow:4px 4px 4px  
4px #094C4E }
```

Background

The CSS property to change the background color of an element to Hex 094C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094C4E }
```

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

```
.background{ background-color:#094C4E }
```

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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