

Converting Colors

Hex(094C42)

Have a look what the booklet for
Hex(094C42) contains.

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Color

Hex(094C42)

Conversions

Conversions Part 1

Format	Color
Hex	094C42
RGB	9, 76, 66
RGB Percent	4%, 30%, 26%
CMY	0.9647, 0.7020, 0.7412
CMYK	0.88, 0.00, 0.13, 0.70
HSL	171°, 79%, 17%
HSV	171°, 88%, 30%
XYZ	3.6805, 5.6203, 6.0451
YIQ	54.8270, -36.7220, -17.3140

Conversions

Conversions Part 2

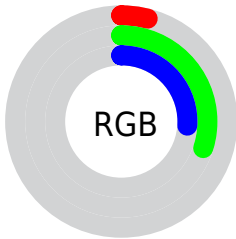
Format	Color
RYB	9, 45, 76
Decimal	609346
CIELab	28.43, -22.37, 0.31
CIELCh	28, 22.369, 179.201
Yxy	5.6203, 0.2398, 0.3662
Android (android.graphics.Color)	4278799426 (0xFF094C42)
YUV	54.8270, 5.5083, -40.1903
Hunter-Lab	23.7072, -13.7760, 1.4767

Details

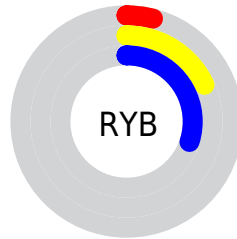
The Hex color **094C42** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4C0913**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **427D72**, and **002017** is the 20% darker color. If you saturate the color by 10%, you get **014C41**, and if you desaturate by 10%, it is **114C43**.

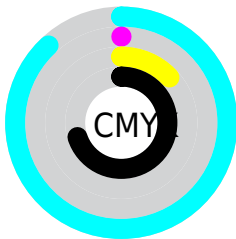
Distribution



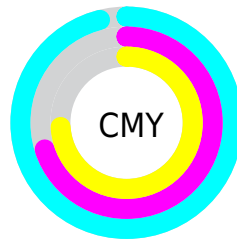
- Red (4%)
- Green (30%)
- Blue (26%)



- Red (4%)
- Yellow (18%)
- Blue (30%)



- Cyan (88%)
- Magenta (0%)
- Yellow (13%)
- Black (70%)



- Cyan (96%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094C42 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 094C42 by changing the saturation by 10% instead.

094C42

094C42

FFFFFF

00352C

427D72

002017

5C978B

000000

76B2A6

91CEC1

ACEADD

C8FFF9

E5FFFF

094C42

094C42

■ 014C41

■ 114C43

■ 004C41

■ 184C44

■ 204C45

■ 274C47

■ 2F4C48

■ 374C49

■ 3E4C4A

■ 464C4B

■ 4D4C4C

Harmonies

Analogous

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



284A31



094C42



004C53

Triad

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



094C42



443F61



5C3C26

Complementary

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



094C42



4C0913

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.



633733



094C42



583955

Square

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



094C42



274565



633544



4E4220

Rectangle

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



094C42



004A5D



633544



5F3A2A

Sweetspot

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



094C42



4A6360



134C09



233331



B3B3B3



333333

Same Dimension

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



094C42



006355



09354C



222626



006657



00E6C3

Inverse Universe

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



4C0913



63000F



4C2009



262223



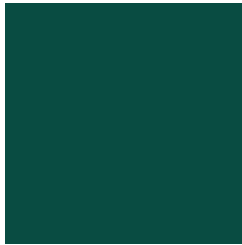
66000F



E60022

Previews

White Background



This preview shows how the Hex color 094C42 looks on a white background.

Color Contrast Check

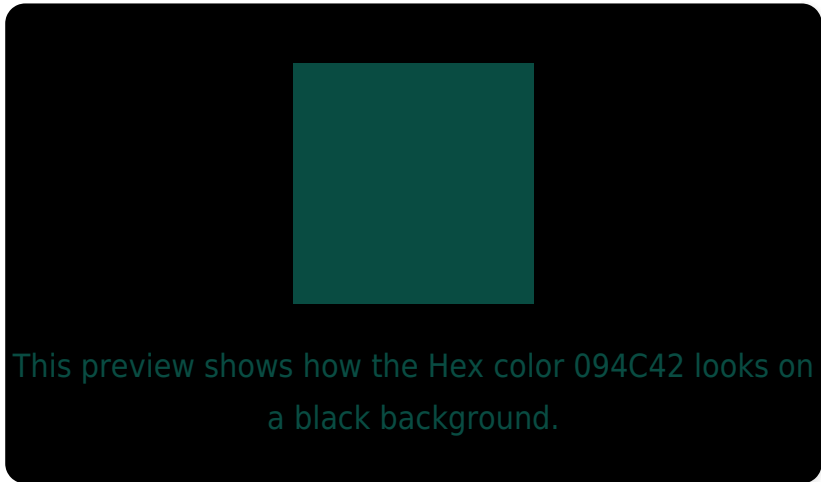
Large Text (above 18pt) WCAG AA ✓ Pass

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

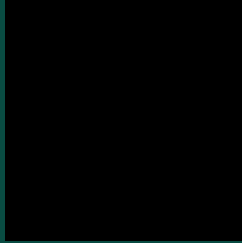
Any Text WCAG AA × Fail

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 094C42 Background



This preview shows how black text looks on a background with the Hex color 094C42.



This preview shows how white text looks on a background with the Hex color 094C42.

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](#).

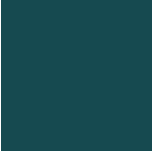
Dichromacy



Original Color
094C42

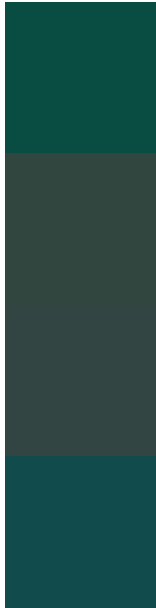
Protanopia
46433D

Deuteranopia
494144



Tritanopia
164A50

Trichromacy



Original Color
094C42

Protanomaly
30463F

Deuteranomaly
324543

Tritanomaly
114B4B

Monochromacy



Original Color
094C42

Achromatopsia
373737

Achromatomaly
263F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 094C42 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 #094C42 looks like.

```
.text, #text, p{  
    color:#094C42  
}
```

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 #094C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094C42
}
```

Border

The CSS property to change the border of an element to Hex 094C42 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
#094C42 }
```

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

```
.border{ border-color:#094C42 }
```

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

Here you see how a box with a 4 pixel #094C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094C42; -webkit-box-shadow:4px 4px  
4px 4px #094C42; box-shadow:4px 4px 4px  
4px #094C42 }
```

Background

The CSS property to change the background color of an element to Hex 094C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094C42 }
```

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

```
.background{ background-color:#094C42 }
```

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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