

Converting Colors

Hex(094A37)

Have a look what the booklet for
Hex(094A37) contains.

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Color

Hex(094A37)

Conversions

Conversions Part 1

Format	Color
Hex	094A37
RGB	9, 74, 55
RGB Percent	4%, 29%, 22%
CMY	0.9647, 0.7098, 0.7843
CMYK	0.88, 0.00, 0.26, 0.71
HSL	162°, 78%, 16%
HSV	162°, 88%, 29%
XYZ	3.2510, 5.2315, 4.4529
YIQ	52.3990, -32.6410, -19.6890

Conversions

Conversions Part 2

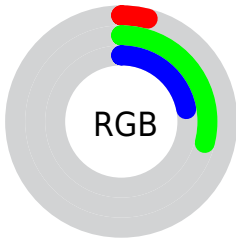
Format	Color
R_{YB}	9, 47, 74
Decimal	608823
CIE Lab	27.38, -24.70, 5.89
CIE LCh	27, 25.390, 166.576
Yxy	5.2315, 0.2513, 0.4044
Android (android.graphics.Color)	4278798903 (0xFF094A37)
YUV	52.3990, 1.2823, -38.0609
Hunter-Lab	22.8724, -14.6552, 4.4680

Details

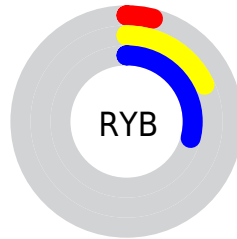
The Hex color **094A37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A091C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **417B66**, and **001F0B** is the 20% darker color. If you saturate the color by 10%, you get **024A35**, and if you desaturate by 10%, it is **104A39**.

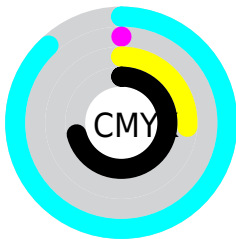
Distribution



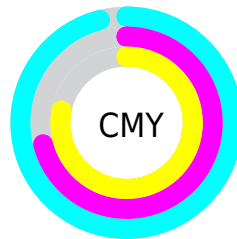
- Red (4%)
- Green (29%)
- Blue (22%)



- Red (4%)
- Yellow (18%)
- Blue (29%)



- Cyan (88%)
- Magenta (0%)
- Yellow (26%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094A37 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 094A37 by changing the saturation by 10% instead.

■ 094A37

■ 094A37

FFFFFF

■ 003322

■ 417B66

■ 001F0B

■ 5A957F

■ 000000

■ 74B099

■ 8FCCB3

■ AAE8CF

■ C6FFEB

■ E2FFFF

■ 094A37

■ 094A37

■ 024A35

■ 104A39

■ 004A34

■ 184A3B

■ 1F4A3D

■ 274A40

■ 2E4A42

■ 354A44

■ 3D4A46

■ 444A48

■ 4C4A4A

Harmonies

Analogous

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



2C4825



094A37



004B4B

Triad

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



094A37



343F66



603525

Complementary

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



094A37



4A091C

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.



653137



094A37



50375C

Square

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



094A37



004566



60314A



543D1A

Rectangle

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



094A37



004A57



60314A



63332B

Sweetspot

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



094A37



48615A



1D4A09



21302C



B0B0B0



303030

Same Dimension

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



094A37



006145



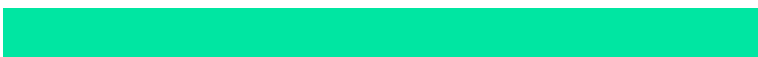
093D4A



222625



006648



00E6A2

Inverse Universe

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



4A091C



61001C



4A1609



262224



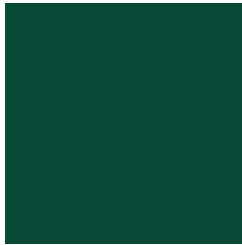
66001E



E60043

Previews

White Background



This preview shows how the Hex color 094A37 looks on a white background.

Color Contrast Check

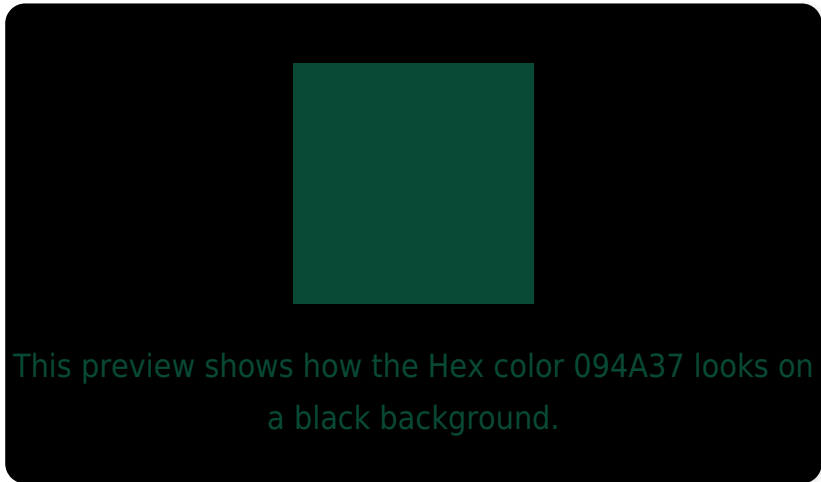
Large Text (above 18pt) WCAG AA ✓ Pass

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

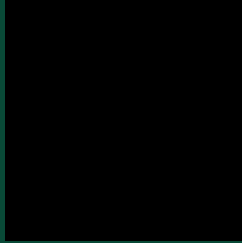
Any Text WCAG AA × Fail

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 094A37 Background



This preview shows how black text looks on a background with the Hex color 094A37.



This preview shows how white text looks on a background with the Hex color 094A37.

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
094A37

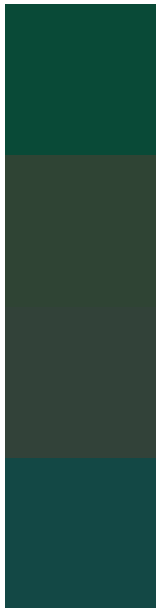
Protanopia
454133

Deuteranopia
4A3E3A



Tritanopia
19474D

Trichromacy



Original Color
094A37

Protanomaly
2F4434

Deuteranomaly
324239

Tritanomaly
134845

Monochromacy



Original Color
094A37

Achromatopsia
343434

Achromatomaly
243C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 094A37 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 #094A37 looks like.

```
.text, #text, p{  
    color:#094A37  
}
```

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 #094A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094A37
}
```

Border

The CSS property to change the border of an element to Hex 094A37 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
#094A37 }
```

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

```
.border{ border-color:#094A37 }
```

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

Here you see how a box with a 4 pixel #094A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094A37; -webkit-box-shadow:4px 4px  
4px 4px #094A37; box-shadow:4px 4px 4px  
4px #094A37 }
```

Background

The CSS property to change the background color of an element to Hex 094A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094A37 }
```

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

```
.background{ background-color:#094A37 }
```

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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