

Converting Colors

Hex(094B40)

Have a look what the booklet for
Hex(094B40) contains.

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Color

Hex(094B40)

Conversions

Conversions Part 1

Format	Color
Hex	094B40
RGB	9, 75, 64
RGB Percent	4%, 29%, 25%
CMY	0.9647, 0.7059, 0.7490
CMYK	0.88, 0.00, 0.15, 0.71
HSL	170°, 79%, 16%
HSV	170°, 88%, 29%
XYZ	3.5541, 5.4604, 5.7171
YIQ	54.0120, -35.8050, -17.4130

Conversions

Conversions Part 2

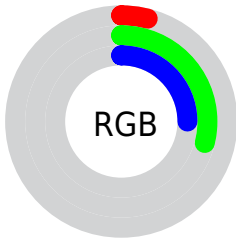
Format	Color
R_{YB}	9, 45, 75
Decimal	609088
CIE Lab	28.01, -22.49, 0.98
CIE LCh	28, 22.512, 177.495
Yxy	5.4604, 0.2413, 0.3707
Android (android.graphics.Color)	4278799168 (0xFF094B40)
YUV	54.0120, 4.9241, -39.4755
Hunter-Lab	23.3675, -13.7436, 1.8513

Details

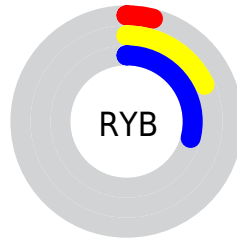
The Hex color **094B40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B0914**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **427C70**, and **002016** is the 20% darker color. If you saturate the color by 10%, you get **024B3F**, and if you desaturate by 10%, it is **104B41**.

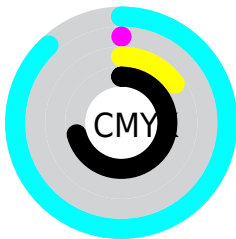
Distribution



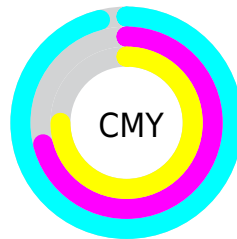
- Red (4%)
- Green (29%)
- Blue (25%)



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



- Cyan (88%)
- Magenta (0%)
- Yellow (15%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094B40 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 094B40 by changing the saturation by 10% instead.

■ 094B40

■ 094B40

FFFFFF

■ 00342A

■ 427C70

■ 002016

■ 5B9689

■ 000000

■ 75B1A3

■ 90CDBE

■ ABE9DA

■ C7FFF7

■ E4FFFF

■ 094B40

■ 094B40

■ 024B3F

■ 104B41

■ 004B3E

■ 184B42

■ 204B44

■ 274B45

■ 2F4B46

■ 364B48

■ 3E4B49

■ 454B4A

■ 4D4B4B

Harmonies

Analogous

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



28492F



094B40



004B51

Triad

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



094B40



423E61



5C3A25

Complementary

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



094B40



4B0914

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.



633533



094B40



563855

Square

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



094B40



234464



613444



4E411F

Rectangle

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



094B40



004A5B



613444



5F3829

Sweetspot

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



094B40



48615D



144B09



21302E



B0B0B0



303030

Same Dimension

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



094B40



006151



09364B



222626



006655



00E6BF

Inverse Universe

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



4B0914



610010



4B1F09



262223



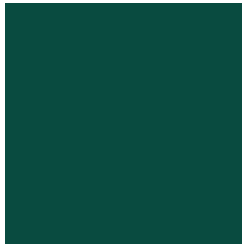
660011



E60026

Previews

White Background



This preview shows how the Hex color 094B40 looks on a white background.

Color Contrast Check

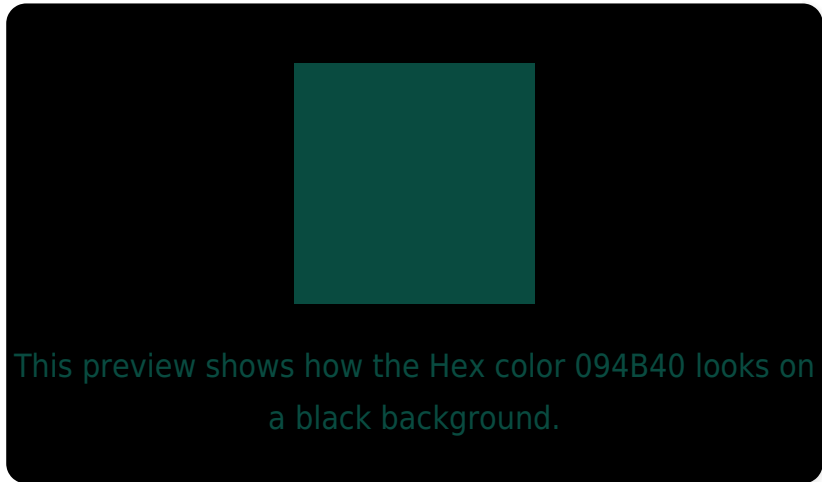
Large Text (above 18pt) WCAG AA ✓ Pass

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

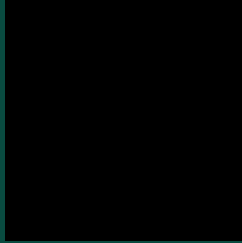
Any Text WCAG AA × Fail

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 094B40 Background



This preview shows how black text looks on a background with the Hex color 094B40.



This preview shows how white text looks on a background with the Hex color 094B40.

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](#).

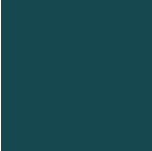
Dichromacy



Original Color
094B40

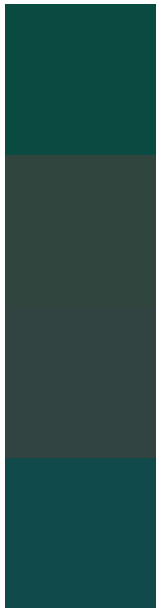
Protanopia
45423B

Deuteranopia
484042



Tritanopia
16494F

Trichromacy



Original Color
094B40

Protanomaly
2F453D

Deuteranomaly
314441

Tritanomaly
114A4A

Monochromacy



Original Color
094B40

Achromatopsia
363636

Achromatomaly
263E3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 094B40 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 #094B40 looks like.

```
.text, #text, p{  
    color:#094B40  
}
```

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 #094B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094B40
}
```

Border

The CSS property to change the border of an element to Hex 094B40 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
#094B40 }
```

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

```
.border{ border-color:#094B40 }
```

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

Here you see how a box with a 4 pixel #094B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094B40; -webkit-box-shadow:4px 4px  
4px 4px #094B40; box-shadow:4px 4px 4px  
4px #094B40 }
```

Background

The CSS property to change the background color of an element to Hex 094B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094B40 }
```

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

```
.background{ background-color:#094B40 }
```

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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