

Converting Colors

Hex(094A18)

Have a look what the booklet for
Hex(094A18) contains.

Hex(094A18)	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(094A18)

Conversions

Conversions Part 1

Format	Color
Hex	094A18
RGB	9, 74, 24
RGB Percent	4%, 29%, 9%
CMY	0.9647, 0.7098, 0.9059
CMYK	0.88, 0.00, 0.68, 0.71
HSL	134°, 78%, 16%
HSV	134°, 88%, 29%
XYZ	2.7263, 5.0216, 1.6897
YIQ	48.8650, -22.6900, -29.3300

Conversions

Conversions Part 2

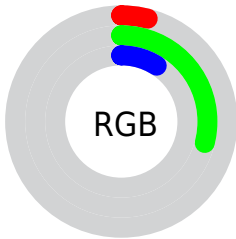
Format	Color
R_{YB}	9, 62, 74
Decimal	608792
CIE Lab	26.80, -31.41, 23.90
CIE LCh	27, 39.470, 142.733
Yxy	5.0216, 0.2889, 0.5321
Android (android.graphics.Color)	4278798872 (0xFF094A18)
YUV	48.8650, -12.2584, -34.9616
Hunter-Lab	22.4089, -17.4989, 11.2155

Details

The Hex color **094A18** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4A093B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **417C45**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **024A12**, and if you desaturate by 10%, it is **104A1E**.

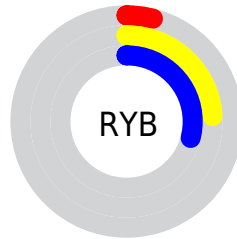
Distribution



Red (4%)

Green (29%)

Blue (9%)



Red (4%)

Yellow (24%)

Blue (29%)

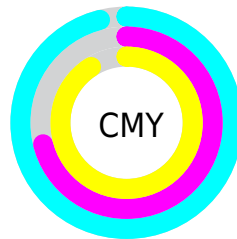


Cyan (88%)

Magenta (0%)

Yellow (68%)

Black (71%)



Cyan (96%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 094A18 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 094A18 by changing the saturation by 10% instead.

 094A18

 094A18

FFFFFF

 003300

 417C45

 002000

 5B965D

 000000

 75B176

 8FCC90

 ABE9AB

 C6FFC6

 E3FFE2

 094A18

 094A18

■ 024A12

■ 104A1E

■ 004A11

■ 184A23

■ 1F4A29

■ 274A2F

■ 2E4A34

■ 354A3A

■ 3D4A40

■ 444A46

■ 4C4A4B

Harmonies

Analogous

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



374500



094A18



004D37

Triad

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



094A18



00457B



74222A

Complementary

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



094A18



4A093B

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.



712048



094A18



2F3B77

Square

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



094A18



004B6F



5C2C64



692F0E

Rectangle

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



094A18



004D4C



5C2C64



752034

Sweetspot

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



094A18



48614E



3C4A09



213025



B0B0B0



303030

Same Dimension

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



094A18



006116



094A38



222623



006618



00E635

Inverse Universe

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



4A093B



61004B



4A091B



262225



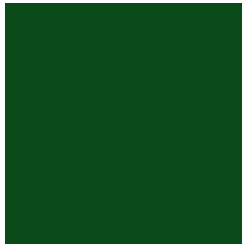
66004E



E600B1

Previews

White Background



This preview shows how the Hex color 094A18 looks on a white background.

Color Contrast Check

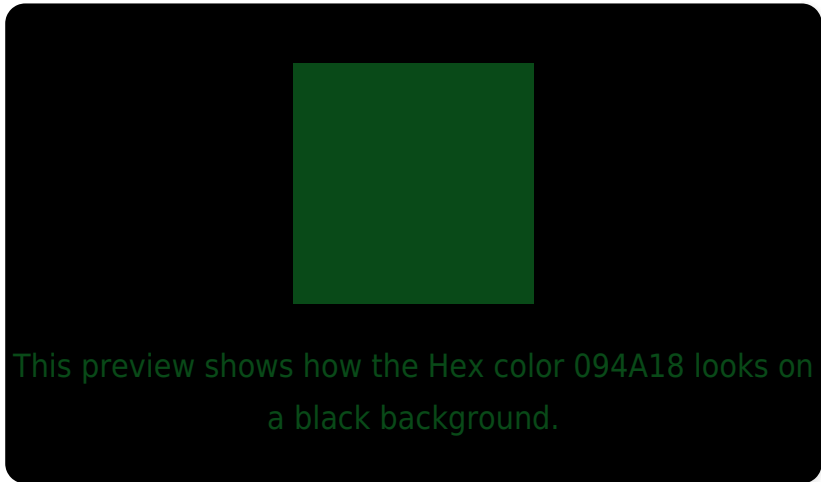
Large Text (above 18pt) WCAG AA ✓ Pass

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 094A18 Background



This preview shows how black text looks on a background with the Hex color 094A18.



This preview shows how white text looks on a background with the Hex color 094A18.

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](#).

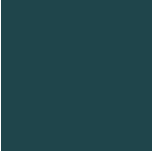
Dichromacy



Original Color
094A18

Protanopia
474015

Deuteranopia
4F3C1D



Tritanopia
1F454B

Trichromacy



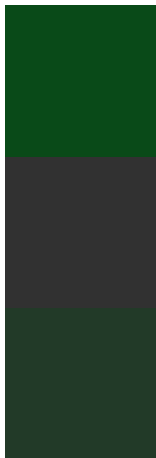
Original Color
094A18

Protanomaly
304416

Deuteranomaly
36411B

Tritanomaly
174738

Monochromacy



Original Color
094A18

Achromatopsia
313131

Achromatomaly
223A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 094A18 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 #094A18 looks like.

```
.text, #text, p{  
    color:#094A18  
}
```

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 #094A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094A18
}
```

Border

The CSS property to change the border of an element to Hex 094A18 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".

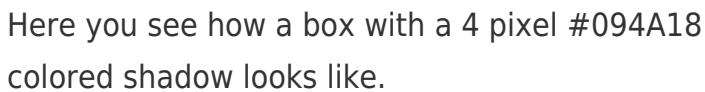
```
.border, #border, table{ border:4px solid
#094A18 }
```

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

```
.border{ border-color:#094A18 }
```

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

Here you see how a box with a 4 pixel #094A18 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094A18; -webkit-box-shadow:4px 4px  
4px 4px #094A18; box-shadow:4px 4px 4px  
4px #094A18 }
```

Background

The CSS property to change the background color of an element to Hex 094A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094A18 }
```

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

```
.background{ background-color:#094A18 }
```

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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