

# Converting Colors

Hex(094C1D)

Have a look what the booklet for  
Hex(094C1D) contains.

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# Color

**Hex(094C1D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	094C1D
RGB	9, 76, 29
RGB Percent	4%, 30%, 11%
CMY	0.9647, 0.7020, 0.8863
CMYK	0.88, 0.00, 0.62, 0.70
HSL	138°, 79%, 17%
HSV	138°, 88%, 30%
XYZ	2.9189, 5.3157, 2.0346
YIQ	50.6090, -24.8450, -28.8210

# Conversions

## Conversions Part 2

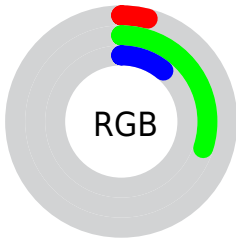
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 61, 76
Decimal	609309
CIE <sub>Lab</sub>	27.62, -31.42, 22.13
CIE <sub>LCh</sub>	28, 38.431, 144.847
Yxy	5.3157, 0.2842, 0.5176
Android (android.graphics.Color)	4278799389 (0xFF094C1D)
YUV	50.6090, -10.6532, -36.4911
Hunter-Lab	23.0557, -17.7493, 10.9069

# Details

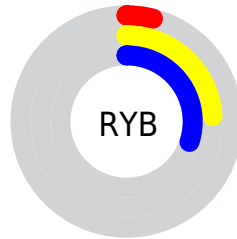
The Hex color **094C1D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4C0938**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **417E4A**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **014C18**, and if you desaturate by 10%, it is **114C22**.

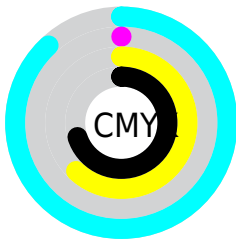
# Distribution



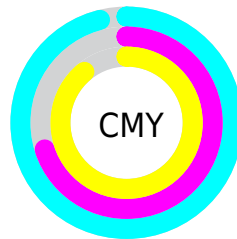
- Red (4%)
- Green (30%)
- Blue (11%)



- Red (4%)
- Yellow (24%)
- Blue (30%)



- Cyan (88%)
- Magenta (0%)
- Yellow (62%)
- Black (70%)



- Cyan (96%)
- Magenta (70%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 094C1D 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 094C1D by changing the saturation by 10% instead.



 094C1D

 094C1D

FFFFFF

 003506

 417E4A

 002100

 5B9862

 000000

 75B37C

 90CF96

 ABEBB0

 C7FFCC

 E4FFE8

 094C1D

 094C1D

■ 014C18

■ 114C22

■ 004C17

■ 184C28

■ 204C2D

■ 274C32

■ 2F4C38

■ 374C3D

■ 3E4C42

■ 464C48

■ 4D4C4D

# Harmonies

## Analogous

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



384702



094C1D



004E3B

# Triad

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



094C1D



00467C



75262A

# Complementary

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



094C1D



4C0938

# 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.



732348



094C1D



363C77

# Square

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



094C1D



004C71



602E64



693210

# Rectangle

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



094C1D



004F4F



602E64



762334



# Sweetspot

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



094C1D



4A6351



394C09



233328



B3B3B3



333333



# Same Dimension

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



094C1D



00631E



094C3D



222624



00661E



00E645



# Inverse Universe

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



4C0938



630046



4C0918



262225



660048

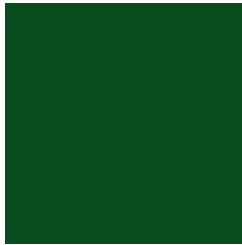


E600A1



# Previews

## White Background



This preview shows how the Hex color 094C1D looks on a white background.

## Color Contrast Check

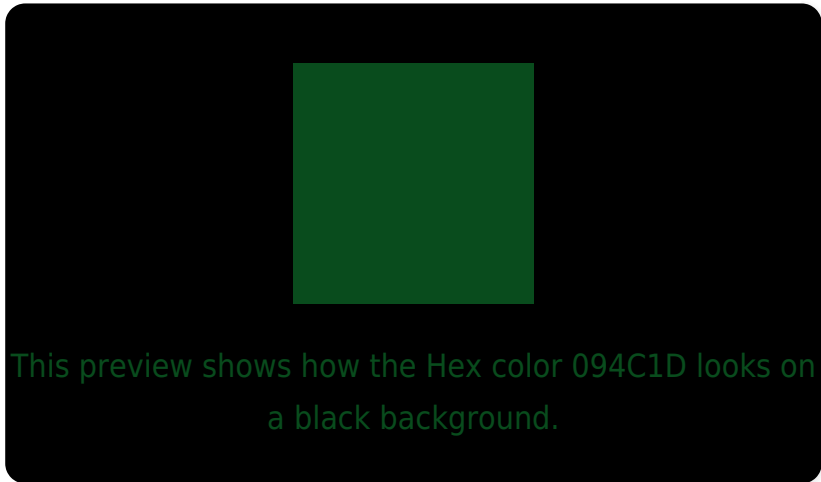
Large Text (above 18pt) WCAG AA ✓ Pass

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

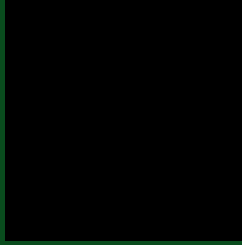
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 094C1D Background



This preview shows how black text looks on a background with the Hex color 094C1D.



This preview shows how white text looks on a background with the Hex color 094C1D.

# 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](#).

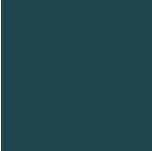
## Dichromacy



**Original Color**  
094C1D

**Protanopia**  
49411A

**Deuteranopia**  
503E21



**Tritanopia**  
1F474D

# Trichromacy



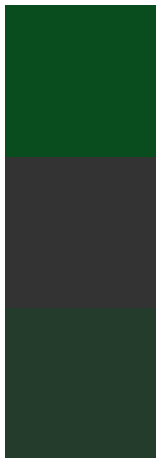
**Original Color**  
094C1D

**Protanomaly**  
32451B

**Deuteranomaly**  
364320

**Tritanomaly**  
17493C

# Monochromacy



**Original Color**  
094C1D

**Achromatopsia**  
333333

**Achromatomaly**  
243C2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 094C1D 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 #094C1D looks like.

```
.text, #text, p{  
    color:#094C1D  
}
```

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 #094C1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094C1D
}
```

## Border

The CSS property to change the border of an element to Hex 094C1D 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
#094C1D }
```

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

```
.border{ border-color:#094C1D }
```

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

Here you see how a box with a 4 pixel #094C1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094C1D; -webkit-box-shadow:4px 4px  
4px 4px #094C1D; box-shadow:4px 4px 4px  
4px #094C1D }
```

# Background

The CSS property to change the background color of an element to Hex 094C1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094C1D }
```

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

```
.background{ background-color:#094C1D }
```

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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