

# Converting Colors

Hex(094B34)

Have a look what the booklet for  
Hex(094B34) contains.

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**Color**

**Hex(094B34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	094B34
RGB	9, 75, 52
RGB Percent	4%, 29%, 20%
CMY	0.9647, 0.7059, 0.7961
CMYK	0.88, 0.00, 0.31, 0.71
HSL	159°, 79%, 16%
HSV	159°, 88%, 29%
XYZ	3.2486, 5.3382, 4.1080
YIQ	52.6440, -31.9530, -21.1450

# Conversions

## Conversions Part 2

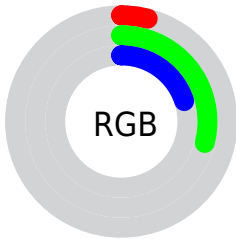
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 49, 75
Decimal	609076
CIE Lab	27.68, -26.00, 8.23
CIE LCh	28, 27.271, 162.442
Yxy	5.3382, 0.2559, 0.4205
Android (android.graphics.Color)	4278799156 (0xFF094B34)
YUV	52.6440, -0.3175, -38.2758
Hunter-Lab	23.1045, -15.3351, 5.6314

# Details

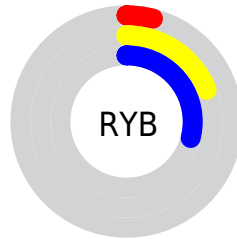
The Hex color **094B34** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B0920**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **417C63**, and **002007** is the 20% darker color. If you saturate the color by 10%, you get **024B31**, and if you desaturate by 10%, it is **104B37**.

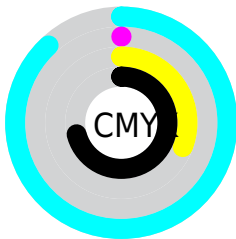
# Distribution



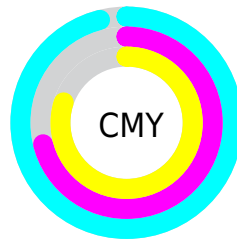
- Red (4%)
- Green (29%)
- Blue (20%)



- Red (4%)
- Yellow (19%)
- Blue (29%)



- Cyan (88%)
- Magenta (0%)
- Yellow (31%)
- Black (71%)



- Cyan (96%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 094B34 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 094B34 by changing the saturation by 10% instead.





094B34



094B34

FFFFFF



00341F



417C63



002007



5A977B



000000



74B195



8FCDB0



AAE9CB



C6FFE7



E3FFFF



094B34



094B34

■ 024B31

■ 104B37

■ 004B31

■ 184B39

■ 204B3C

■ 274B3E

■ 2F4B41

■ 364B44

■ 3E4B46

■ 454B49

■ 4D4B4C

# Harmonies

## Analogous

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



2E4821



094B34



004C4A

# Triad

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



094B34



2D416A



643426

# Complementary

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



094B34



4B0920

# 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.



682F39



094B34



4E3860

# Square

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



094B34



004769



61314E



583C19

# Rectangle

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



094B34



004B57



61314E



67322C



# Sweetspot

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



094B34



486158



204B09



21302B



B0B0B0



303030



# Same Dimension

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



094B34



00613F



09414B



222625



006642



00E696



# Inverse Universe

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



4B0920



610022



4B1309



262224



660024



E60050



# Previews

## White Background



This preview shows how the Hex color 094B34 looks on a white background.

## Color Contrast Check

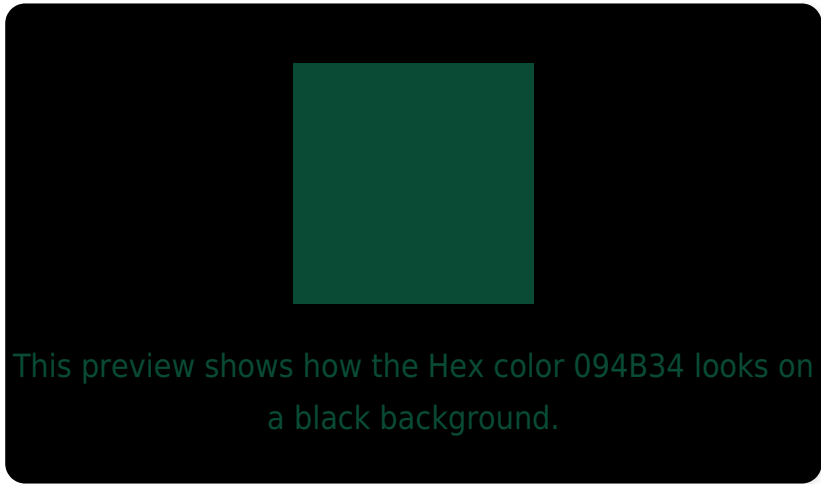
Large Text (above 18pt) WCAG AA ✓ Pass

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

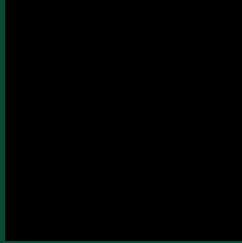
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 094B34 Background



This preview shows how black text looks on a background with the Hex color 094B34.



This preview shows how white text looks on a background with the Hex color 094B34.

# 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**  
094B34

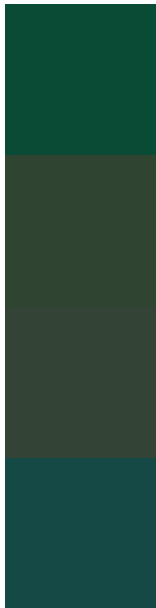
**Protanopia**  
464130

**Deuteranopia**  
4B3F37



**Tritanopia**  
1B484E

# Trichromacy



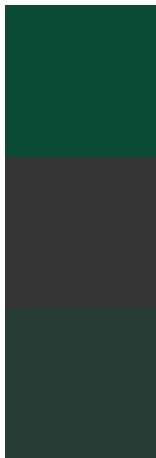
**Original Color**  
094B34

**Protanomaly**  
304531

**Deuteranomaly**  
334336

**Tritanomaly**  
144945

# Monochromacy



**Original Color**  
094B34

**Achromatopsia**  
353535

**Achromatomaly**  
253D35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 094B34 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 #094B34 looks like.

```
.text, #text, p{  
    color:#094B34  
}
```

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 #094B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #094B34
}
```

## Border

The CSS property to change the border of an element to Hex 094B34 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
#094B34 }
```

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

```
.border{ border-color:#094B34 }
```

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

Here you see how a box with a 4 pixel #094B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #094B34; -webkit-box-shadow:4px 4px  
4px 4px #094B34; box-shadow:4px 4px 4px  
4px #094B34 }
```

# Background

The CSS property to change the background color of an element to Hex 094B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#094B34 }
```

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

```
.background{ background-color:#094B34 }
```

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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