

# Converting Colors

Hex(098A2E)

Have a look what the booklet for  
Hex(098A2E) contains.

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# Color

Hex(098A2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	098A2E
RGB	9, 138, 46
RGB Percent	4%, 54%, 18%
CMY	0.9647, 0.4588, 0.8196
CMYK	0.93, 0.00, 0.67, 0.46
HSL	137°, 88%, 29%
HSV	137°, 93%, 54%
XYZ	9.6943, 18.4323, 5.6316
YIQ	88.9410, -47.3520, -55.9600

# Conversions

## Conversions Part 2

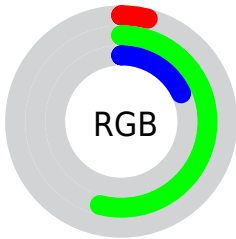
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 109, 138
Decimal	625198
CIELab	50.02, -50.94, 39.30
CIELCh	50, 64.341, 142.347
Yxy	18.4323, 0.2872, 0.5460
Android (android.graphics.Color)	4278815278 (0xFF098A2E)
YUV	88.9410, -21.1699, -70.1083
Hunter-Lab	42.9328, -34.8270, 22.2758

# Details

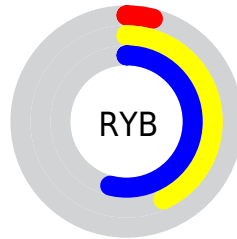
The Hex color **098A2E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A0965**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **55C160**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **008A28**, and if you desaturate by 10%, it is **178A38**.

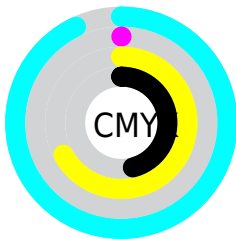
# Distribution



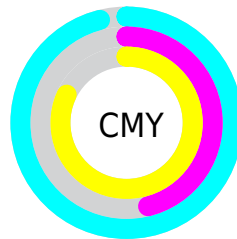
- Red (4%)
- Green (54%)
- Blue (18%)



- Red (4%)
- Yellow (43%)
- Blue (54%)



- Cyan (93%)
- Magenta (0%)
- Yellow (67%)
- Black (46%)



- Cyan (96%)
- Magenta (46%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 098A2E 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 098A2E by changing the saturation by 10% instead.





098A2E



098A2E

FFFFFF



007014



55C160



005600



72DD7A



003E00



8FFA94



002800



ACFFB0



000000



C9FFCB



E7FFE8



098A2E



098A2E



008A28



178A38

 258A42

 328A4C

 408A55

 4E8A5F

 5C8A69

 6A8A73

 778A7D

 858A87

# Harmonies

## Analogous

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



688000



098A2E



008F67

# Triad

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



098A2E



0082E4



D63F51

# Complementary

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



098A2E



8A0965

# 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.



D03C87



098A2E



556FDD

# Square

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



098A2E



008CCD



AA54BB



C2581D

# Rectangle

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



098A2E



00908D



AA54BB



D73A63



# Sweetspot

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



098A2E



81B38F



658A09



3B5944



D9D9D9



595959



# Same Dimension

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



098A2E



00B333



098A6E



3E4540



008526



000501



# Inverse Universe

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



8A0965



B3007F



8A0925



453E43



85005F

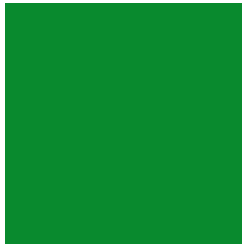


050004



# Previews

## White Background



This preview shows how the Hex color 098A2E looks on a white background.

## Color Contrast Check

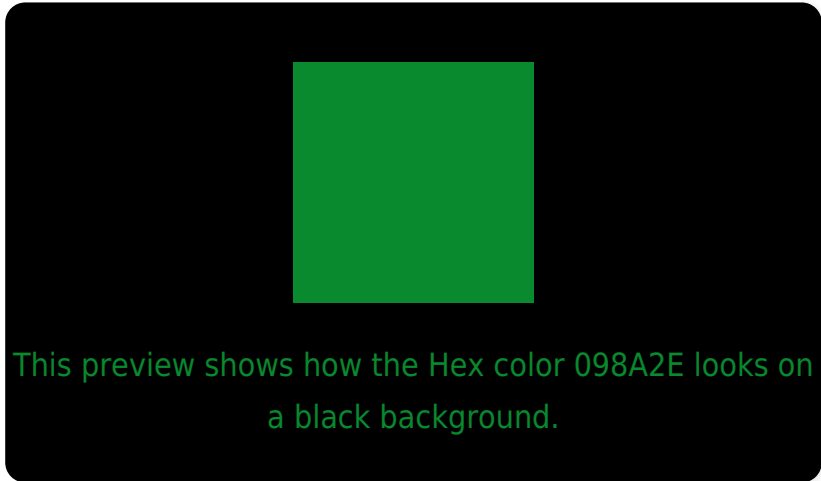
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 098A2E Background



This preview shows how black text looks on a background with the Hex color 098A2E.



This preview shows how white text looks on a background with the Hex color 098A2E.

# 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](#).

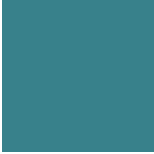
## Dichromacy



**Original Color**  
098A2E

**Protanopia**  
847729

**Deuteranopia**  
927136



**Tritanopia**  
38818B

# Trichromacy



**Original Color**  
098A2E



**Protanomaly**  
577E2B



**Deuteranomaly**  
607A33



**Tritanomaly**  
278469

# Monochromacy



**Original Color**  
098A2E



**Achromatopsia**  
595959



**Achromatomaly**  
3C6B49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 098A2E 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 #098A2E looks like.

```
.text, #text, p{  
    color:#098A2E  
}
```

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 #098A2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098A2E
}
```

## Border

The CSS property to change the border of an element to Hex 098A2E 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
#098A2E }
```

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

```
.border{ border-color:#098A2E }
```

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

Here you see how a box with a 4 pixel #098A2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098A2E; -webkit-box-shadow:4px 4px  
4px 4px #098A2E; box-shadow:4px 4px 4px  
4px #098A2E }
```

# Background

The CSS property to change the background color of an element to Hex 098A2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098A2E }
```

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

```
.background{ background-color:#098A2E }
```

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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