

Converting Colors

Hex(099A28)

Have a look what the booklet for
Hex(099A28) contains.

Hex(099A28)	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(099A28)

Conversions

Conversions Part 1

Format	Color
Hex	099A28
RGB	9, 154, 40
RGB Percent	4%, 60%, 16%
CMY	0.9647, 0.3961, 0.8431
CMYK	0.94, 0.00, 0.74, 0.40
HSL	133°, 89%, 32%
HSV	133°, 94%, 60%
XYZ	12.0513, 23.3225, 5.8740
YIQ	97.6490, -49.8260, -66.1940

Conversions

Conversions Part 2

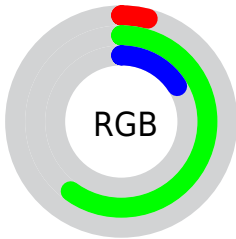
Format	Color
RYB	9, 128, 154
Decimal	629288
CIELab	55.40, -56.58, 47.54
CIELCh	55, 73.901, 139.965
Yxy	23.3225, 0.2922, 0.5654
Android (android.graphics.Color)	4278819368 (0xFF099A28)
YUV	97.6490, -28.4210, -77.7452
Hunter-Lab	48.2934, -39.9700, 26.5938

Details

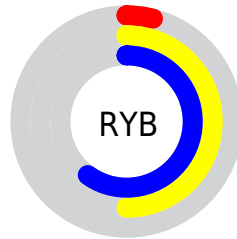
The Hex color **099A28** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A097B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BD25C**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **009A21**, and if you desaturate by 10%, it is **189A34**.

Distribution



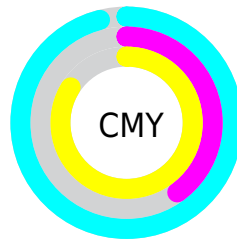
- Red (4%)
- Green (60%)
- Blue (16%)



- Red (4%)
- Yellow (50%)
- Blue (60%)



- Cyan (94%)
- Magenta (0%)
- Yellow (74%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099A28 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 099A28 by changing the saturation by 10% instead.



099A28



099A28

FFFFFF



007F07



5BD25C



006500



79EE77



004C00



96FF92



003400



B4FFAD



001B00



D2FFC9



000000



F0FFE6



099A28



099A28



009A21



189A34

 289A40

 379A4C

 479A58

 569A65

 659A71

 759A7D

 849A89

 949A95

Harmonies

Analogous

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



788E00



099A28



00A06C

Triad

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



099A28



0093FF



F43D5D

Complementary

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



099A28



9A097B

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.



EB3C9D



099A28



497DFE

Square

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



099A28



009EE6



BB5DD8



DE5D1F

Rectangle

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



099A28



00A199



BB5DD8



F43872

Sweetspot

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



099A28



91C99D



7D9A09



43664B



E6E6E6



666666

Same Dimension

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



099A28



00C92B



099A6F



454D46



008C1E



000D03

Inverse Universe

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



9A097B



C9009E



9A0935



4D454B



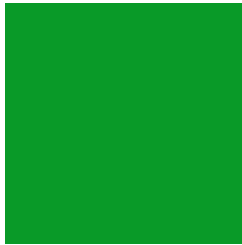
8C006E



0D000A

Previews

White Background



This preview shows how the Hex color 099A28 looks on a white background.

Color Contrast Check

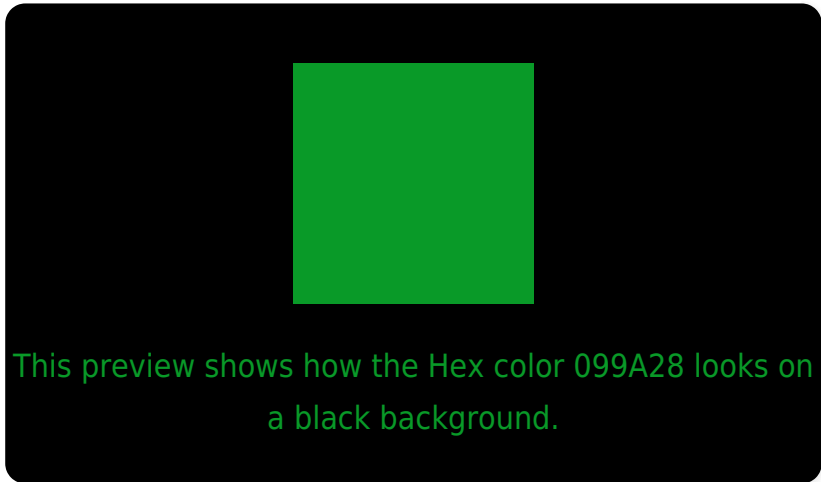
Large Text (above 18pt) WCAG AA ✓ Pass

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 099A28 Background



This preview shows how black text looks on a background with the Hex color 099A28.



This preview shows how white text looks on a background with the Hex color 099A28.

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





Tritanopia
40909B

Trichromacy



Original Color
099A28



Protanomaly
618C24



Deuteranomaly
6C882F



Tritanomaly
2C9471

Monochromacy



Original Color
099A28



Achromatopsia
626262



Achromatomaly
42764D

CSS Examples

Text

The CSS property to change the color of the text to Hex 099A28 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 #099A28 looks like.

```
.text, #text, p{  
    color:#099A28  
}
```

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 #099A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099A28
}
```

Border

The CSS property to change the border of an element to Hex 099A28 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
#099A28 }
```

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

```
.border{ border-color:#099A28 }
```

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

Here you see how a box with a 4 pixel #099A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099A28; -webkit-box-shadow:4px 4px  
4px 4px #099A28; box-shadow:4px 4px 4px  
4px #099A28 }
```

Background

The CSS property to change the background color of an element to Hex 099A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099A28 }
```

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

```
.background{ background-color:#099A28 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor