

Converting Colors

Hex(099A27)

Have a look what the booklet for
Hex(099A27) contains.

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Color

Hex(099A27)

Conversions

Conversions Part 1

Format	Color
Hex	099A27
RGB	9, 154, 39
RGB Percent	4%, 60%, 15%
CMY	0.9647, 0.3961, 0.8471
CMYK	0.94, 0.00, 0.75, 0.40
HSL	132°, 89%, 32%
HSV	132°, 94%, 60%
XYZ	12.0345, 23.3158, 5.7856
YIQ	97.5350, -49.5050, -66.5050

Conversions

Conversions Part 2

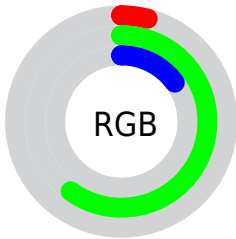
Format	Color
R_{YB}	9, 129, 154
Decimal	629287
CIE _{Lab}	55.40, -56.67, 47.91
CIE _{LCh}	55, 74.206, 139.789
Yxy	23.3158, 0.2926, 0.5668
Android (android.graphics.Color)	4278819367 (0xFF099A27)
YUV	97.5350, -28.8578, -77.6452
Hunter-Lab	48.2864, -40.0135, 26.6965

Details

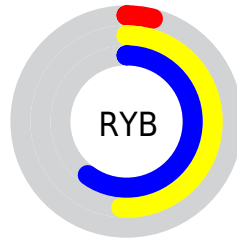
The Hex color **099A27** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A097C**, and the grayscale version is **626262**.

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 **009A20**, and if you desaturate by 10%, it is **189A33**.

Distribution



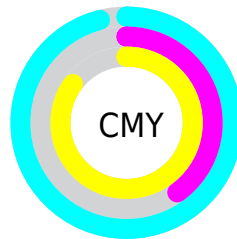
- Red (4%)
- Green (60%)
- Blue (15%)



- Red (4%)
- Yellow (51%)
- Blue (60%)



- Cyan (94%)
- Magenta (0%)
- Yellow (75%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099A27 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 099A27 by changing the saturation by 10% instead.



099A27



099A27

FFFFFF



007F05



5BD25C



006500



79EE76



004C00



96FF91



003400



B4FFAC



001B00



D2FFC8



000000



F0FFE5



099A27



099A27



009A20



189A33

 289A3F

 379A4C

 479A58

 569A64

 659A70

 759A7C

 849A89

 949A95

Harmonies

Analogous

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



788E00



099A27



00A06C

Triad

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



099A27



0093FF



F43D5D

Complementary

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



099A27



9A097C

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.



EB3C9E



099A27



477DFF

Square

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



099A27



009EE7



BB5DD9



DE5C1F

Rectangle

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



099A27



00A199



BB5DD9



F53772

Sweetspot

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



099A27



91C99D



7D9A09



43664A



E6E6E6



666666

Same Dimension

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



099A27



00C92A



099A6F



454D46



008C1D



000D03

Inverse Universe

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



9A097C



C900A0



9A0935



4D454B



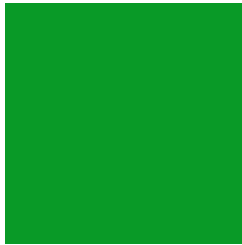
8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 099A27 looks on a white background.

Color Contrast Check

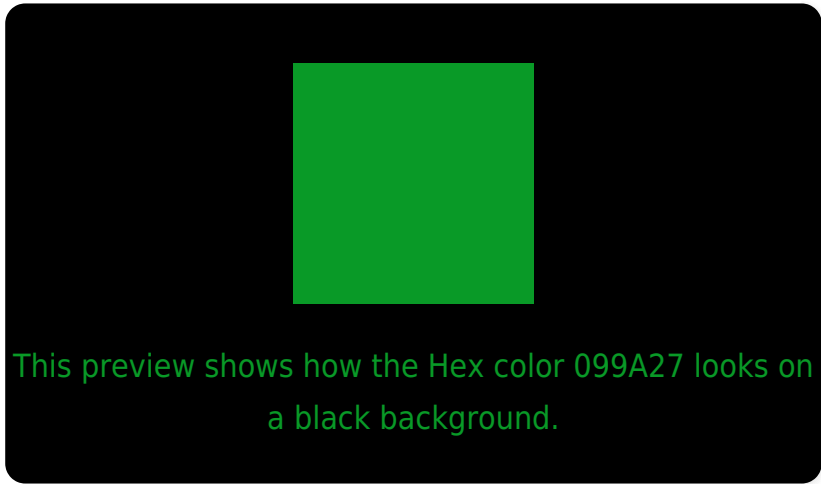
Large Text (above 18pt) WCAG AA ✓ Pass

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 099A27 Background



This preview shows how black text looks on a background with the Hex color 099A27.



This preview shows how white text looks on a background with the Hex color 099A27.

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](#).

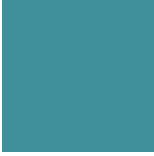
Dichromacy



Original Color
099A27

Protanopia
948421

Deuteranopia
A47D32



Tritanopia
40909B

Trichromacy



Original Color
099A27



Protanomaly
618C23



Deuteranomaly
6C882E



Tritanomaly
2C9471

Monochromacy



Original Color
099A27



Achromatopsia
626262



Achromatomaly
42764D

CSS Examples

Text

The CSS property to change the color of the text to Hex 099A27 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 #099A27 looks like.

```
.text, #text, p{  
    color:#099A27  
}
```

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 #099A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099A27  
}
```

Border

The CSS property to change the border of an element to Hex 099A27 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  
#099A27 }
```

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

```
.border{ border-color:#099A27 }
```

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

Here you see how a box with a 4 pixel #099A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099A27; -webkit-box-shadow:4px 4px  
4px 4px #099A27; box-shadow:4px 4px 4px  
4px #099A27 }
```

Background

The CSS property to change the background color of an element to Hex 099A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099A27 }
```

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

```
.background{ background-color:#099A27 }
```

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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