

Converting Colors

Hex(0F9A27)

Have a look what the booklet for
Hex(0F9A27) contains.

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Color

Hex(0F9A27)

Conversions

Conversions Part 1

Format	Color
Hex	0F9A27
RGB	15, 154, 39
RGB Percent	6%, 60%, 15%
CMY	0.9412, 0.3961, 0.8471
CMYK	0.90, 0.00, 0.75, 0.40
HSL	130°, 82%, 33%
HSV	130°, 90%, 60%
XYZ	12.1188, 23.3592, 5.7895
YIQ	99.3290, -45.9290, -65.2330

Conversions

Conversions Part 2

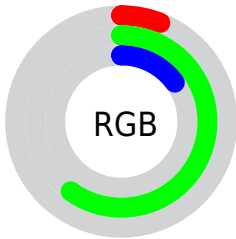
Format	Color
RYB	15, 134, 154
Decimal	1022503
CIELab	55.44, -56.28, 47.97
CIELCh	55, 73.944, 139.557
Yxy	23.3592, 0.2937, 0.5660
Android (android.graphics.Color)	4279212583 (0xFF0F9A27)
YUV	99.3290, -29.7422, -73.9565
Hunter-Lab	48.3314, -39.8221, 26.7298

Details

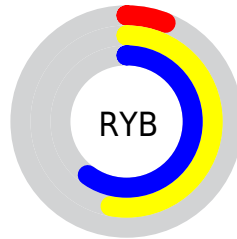
The Hex color **0F9A27** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9A0F82**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5CD25C**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **009A1B**, and if you desaturate by 10%, it is **1E9A34**.

Distribution



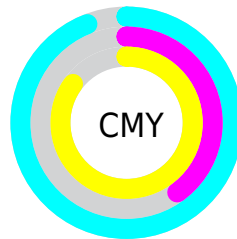
- Red (6%)
- Green (60%)
- Blue (15%)



- Red (6%)
- Yellow (53%)
- Blue (60%)



- Cyan (90%)
- Magenta (0%)
- Yellow (75%)
- Black (40%)



- Cyan (94%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F9A27 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 0F9A27 by changing the saturation by 10% instead.

 0F9A27

 0F9A27

FFFFFF

 007F05

 5CD25C

 006500

 7AEE76

 004C00

 98FF91

 003400

 B5FFAC

 001C00

 D3FFC8

 000000

 F1FFE5

 0F9A27

 0F9A27

 009A1B

 1E9A34

 2E9A40

 3D9A4D

 4D9A5A

 5C9A67

 6B9A73

 7B9A80

 8A9A8D

 9A9A9A

Harmonies

Analogous

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



798E00



0F9A27



00A06B

Triad

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



0F9A27



0093FF



F43D5E

Complementary

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



0F9A27



9A0F82

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.



EB3D9E



0F9A27



467EFF

Square

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



0F9A27



009EE6



BA5DD9



DE5C20

Rectangle

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



0F9A27



00A198



BA5DD9



F53873

Sweetspot

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



0F9A27



93C99C



839A0F



45664B



E6E6E6



666666

Same Dimension

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



0F9A27



00C923



0F9A6C



454D46



008C18



000D02

Inverse Universe

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



9A0F82



C900A7



9A0F3D



4D454B



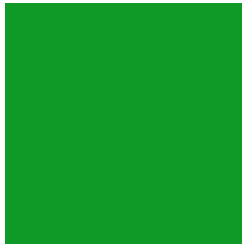
8C0074



0D000B

Previews

White Background



This preview shows how the Hex color 0F9A27 looks on a white background.

Color Contrast Check

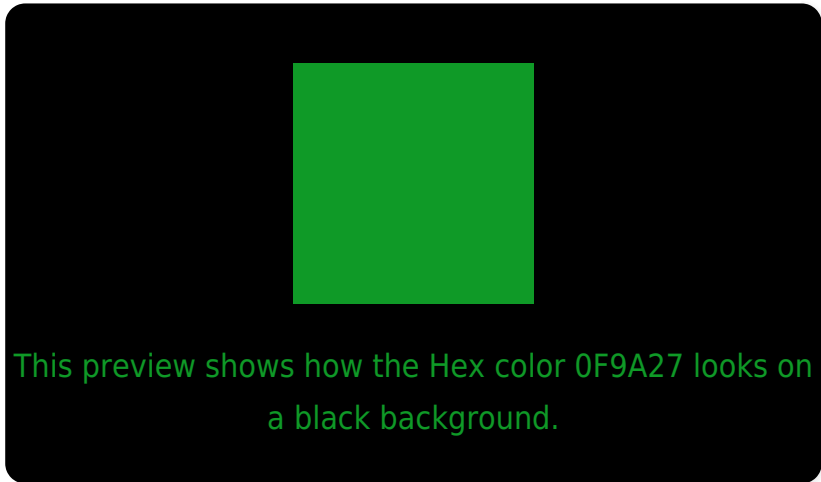
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F9A27 Background



This preview shows how black text looks on a background with the Hex color 0F9A27.



This preview shows how white text looks on a background with the Hex color 0F9A27.

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
0F9A27

Protanopia
948421

Deuteranopia
A47D32



Tritanopia
41909B

Trichromacy



Original Color
0F9A27



Protanomaly
648C23



Deuteranomaly
6E882E



Tritanomaly
2F9471

Monochromacy



Original Color
0F9A27



Achromatopsia
636363



Achromatomaly
44774D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F9A27 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 #0F9A27 looks like.

```
.text, #text, p{  
    color:#0F9A27  
}
```

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 #0F9A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F9A27
}
```

Border

The CSS property to change the border of an element to Hex 0F9A27 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
#0F9A27 }
```

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

```
.border{ border-color:#0F9A27 }
```

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

Here you see how a box with a 4 pixel #0F9A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F9A27; -webkit-box-shadow:4px 4px  
4px 4px #0F9A27; box-shadow:4px 4px 4px  
4px #0F9A27 }
```

Background

The CSS property to change the background color of an element to Hex 0F9A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F9A27 }
```

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

```
.background{ background-color:#0F9A27 }
```

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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