

Converting Colors

Hex(0FA94D)

Have a look what the booklet for
Hex(0FA94D) contains.

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Color

Hex(0FA94D)

Conversions

Conversions Part 1

Format	Color
Hex	0FA94D
RGB	15, 169, 77
RGB Percent	6%, 66%, 30%
CMY	0.9412, 0.3373, 0.6980
CMYK	0.91, 0.00, 0.54, 0.34
HSL	144°, 84%, 36%
HSV	144°, 91%, 66%
XYZ	15.7245, 29.0133, 11.7925
YIQ	112.4660, -62.2520, -61.2600

Conversions

Conversions Part 2

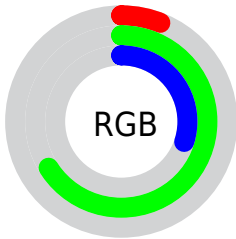
Format	Color
RYB	15, 125, 169
Decimal	1026381
CIELab	60.79, -56.52, 37.07
CIELCh	61, 67.593, 146.742
Yxy	29.0133, 0.2782, 0.5132
Android (android.graphics.Color)	4279216461 (0xFF0FA94D)
YUV	112.4660, -17.4847, -85.4777
Hunter-Lab	53.8640, -42.1525, 24.7243

Details

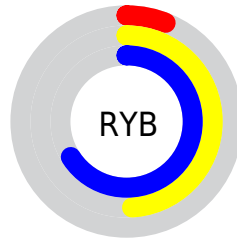
The Hex color **0FA94D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A90F6B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FE180**, and **00731C** is the 20% darker color. If you saturate the color by 10%, you get **00A944**, and if you desaturate by 10%, it is **20A957**.

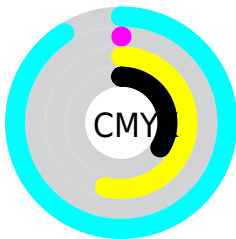
Distribution



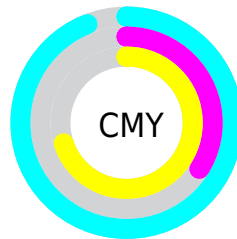
- Red (6%)
- Green (66%)
- Blue (30%)



- Red (6%)
- Yellow (49%)
- Blue (66%)



- Cyan (91%)
- Magenta (0%)
- Yellow (54%)
- Black (34%)



- Cyan (94%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA94D 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 0FA94D by changing the saturation by 10% instead.

 0FA94D

 0FA94D

FFFFFF

 008E34

 5FE180

 00731C

 7EFF9B

 005900

 9BFFB6

 004000

 B9FFD2

 002A00

 D7FFE7

 000500

 F5FFFF

 000000

 0FA94D

 0FA94D

 00A944

 20A957

 31A961

 42A96B

 53A975

 63A97F

 74A98A

 85A994

 96A99E

 A7A9A8

Harmonies

Analogous

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



7B9F12



0FA94D



00AE8A

Triad

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



0FA94D



009CFF



FA5D61

Complementary

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



0FA94D



A90F6B

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.



F8569C



0FA94D



8486FE

Square

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



0FA94D



00A9F6



D46AD5



E1752C

Rectangle

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



0FA94D



00AEB3



D46AD5



FD5774

Sweetspot

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



0FA94D



A0DBB8



6BA90F



4B6E59



EDEDED



6E6E6E

Same Dimension

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



0FA94D



00DB58



0FA99A



4C544F



00943C



001408

Inverse Universe

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



A90F6B



DB0083



A90F1E



544C51



940058



14000C

Previews

White Background



This preview shows how the Hex color 0FA94D looks on a white background.

Color Contrast Check

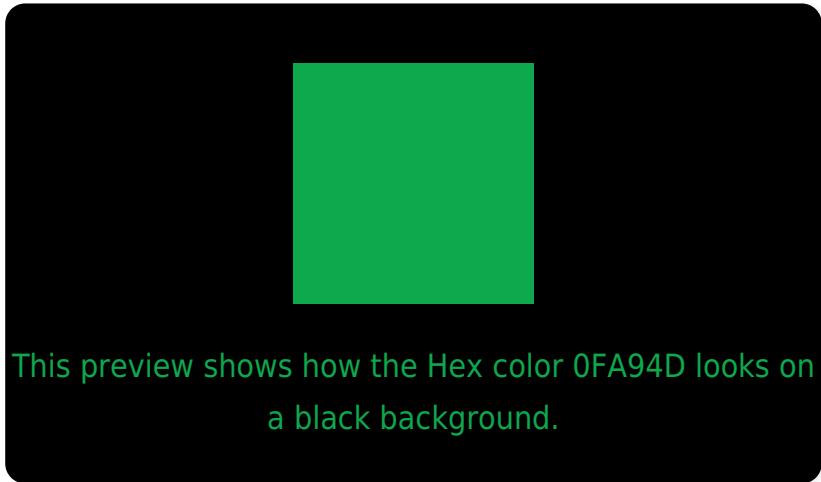
Large Text (above 18pt) WCAG AA ✓ Pass

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 0FA94D Background



This preview shows how black text looks on a background with the Hex color 0FA94D.



This preview shows how white text looks on a background with the Hex color 0FA94D.

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
0FA94D

Protanopia
A19245

Deuteranopia
B18B55

Trichromacy



Original Color
0FA94D



Protanomaly
6C9A48



Deuteranomaly
769652



Tritanomaly
30A389

Monochromacy



Original Color
0FA94D



Achromatopsia
707070



Achromatomaly
4D8563

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA94D 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 #0FA94D looks like.

```
.text, #text, p{  
    color:#0FA94D  
}
```

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 #0FA94D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA94D
}
```

Border

The CSS property to change the border of an element to Hex 0FA94D 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
#0FA94D }
```

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

```
.border{ border-color:#0FA94D }
```

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

Here you see how a box with a 4 pixel #0FA94D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA94D; -webkit-box-shadow:4px 4px  
4px 4px #0FA94D; box-shadow:4px 4px 4px  
4px #0FA94D }
```

Background

The CSS property to change the background color of an element to Hex 0FA94D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA94D }
```

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

```
.background{ background-color:#0FA94D }
```

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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