

Converting Colors

Hex(0A9726)

Have a look what the booklet for
Hex(0A9726) contains.

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Color

Hex(0A9726)

Conversions

Conversions Part 1

Format	Color
Hex	0A9726
RGB	10, 151, 38
RGB Percent	4%, 59%, 15%
CMY	0.9608, 0.4078, 0.8510
CMYK	0.93, 0.00, 0.75, 0.41
HSL	132°, 88%, 32%
HSV	132°, 93%, 59%
XYZ	11.5416, 22.3377, 5.5370
YIQ	95.9590, -47.7630, -65.0350

Conversions

Conversions Part 2

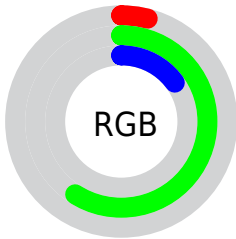
Format	Color
RYB	10, 128, 151
Decimal	694054
CIELab	54.38, -55.78, 47.25
CIELCh	54, 73.104, 139.730
Yxy	22.3377, 0.2928, 0.5667
Android (android.graphics.Color)	4278884134 (0xFF0A9726)
YUV	95.9590, -28.5738, -75.3860
Hunter-Lab	47.2628, -39.1199, 26.1379

Details

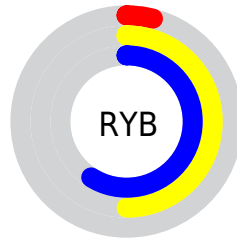
The Hex color **0A9726** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **970A7B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5ACE5A**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **00971E**, and if you desaturate by 10%, it is **199732**.

Distribution



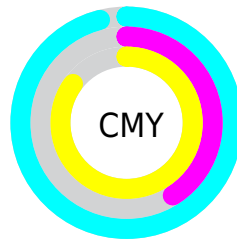
- Red (4%)
- Green (59%)
- Blue (15%)



- Red (4%)
- Yellow (50%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (75%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9726 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 0A9726 by changing the saturation by 10% instead.

 0A9726

 0A9726

FFFFFF

 007C04

 5ACE5A

 006200

 78EB75

 004900

 95FF90

 003200

 B3FFAB

 001800

 D0FFC7

 000000

 EEFFE3

 0A9726

 0A9726

 00971E

 199732

 28973E

 37974A

 469756

 559763

 65976F

 74977B

 839787

 929793

Harmonies

Analogous

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



768C00



0A9726



009D69

Triad

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



0A9726



0090FF



EF3B5C

Complementary

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



0A9726



970A7B

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.



E63B9B



0A9726



457BFA

Square

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



0A9726



009BE2



B75BD5



DA5A1E

Rectangle

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



0A9726



009E96



B75BD5



F03670

Sweetspot

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



0A9726



8DC498



7D970A



426348



E3E3E3



636363

Same Dimension

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



0A9726



00C427



0A976A



454D46



008C1C



000D03

Inverse Universe

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



970A7B



C4009D



970A37



4D454B



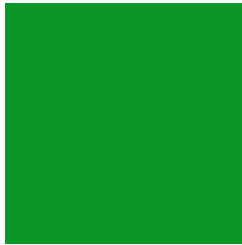
8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 0A9726 looks on a white background.

Color Contrast Check

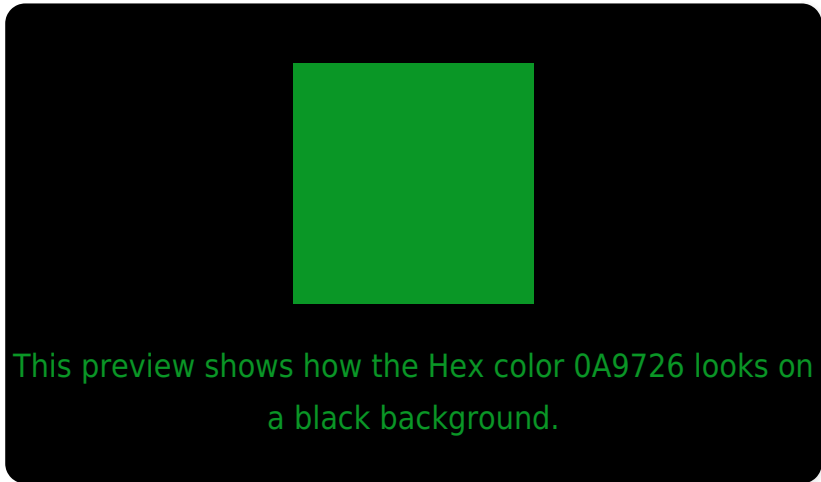
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A9726 Background



This preview shows how black text looks on a background with the Hex color 0A9726.



This preview shows how white text looks on a background with the Hex color 0A9726.

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
3F8D98

Trichromacy



Original Color

0A9726



Protanomaly

608A23



Deuteranomaly

6A852D



Tritanomaly

2C916F

Monochromacy



Original Color

0A9726



Achromatopsia

606060



Achromatomaly

41744B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9726 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 #0A9726 looks like.

```
.text, #text, p{  
    color:#0A9726  
}
```

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 #0A9726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9726
}
```

Border

The CSS property to change the border of an element to Hex 0A9726 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".

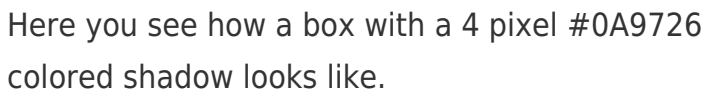
```
.border, #border, table{ border:4px solid
#0A9726 }
```

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

```
.border{ border-color:#0A9726 }
```

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

Here you see how a box with a 4 pixel #0A9726 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9726; -webkit-box-shadow:4px 4px  
4px 4px #0A9726; box-shadow:4px 4px 4px  
4px #0A9726 }
```

Background

The CSS property to change the background color of an element to Hex 0A9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9726 }
```

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

```
.background{ background-color:#0A9726 }
```

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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