

Converting Colors

Hex(0A9371)

Have a look what the booklet for
Hex(0A9371) contains.

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Color

Hex(0A9371)

Conversions

Conversions Part 1

Format	Color
Hex	0A9371
RGB	10, 147, 113
RGB Percent	4%, 58%, 44%
CMY	0.9608, 0.4235, 0.5569
CMYK	0.93, 0.00, 0.23, 0.42
HSL	165°, 87%, 31%
HSV	165°, 93%, 58%
XYZ	13.5395, 22.1242, 19.1796
YIQ	102.1610, -70.7380, -39.6180

Conversions

Conversions Part 2

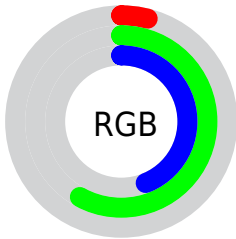
Format	Color
R_{YB}	10, 88, 147
Decimal	693105
CIE _{Lab}	54.16, -41.28, 8.85
CIE _{LCh}	54, 42.215, 167.899
Yxy	22.1242, 0.2469, 0.4034
Android (android.graphics.Color)	4278883185 (0xFF0A9371)
YUV	102.1610, 5.3436, -80.8252
Hunter-Lab	47.0364, -30.9321, 8.7494

Details

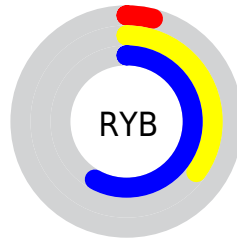
The Hex color **0A9371** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **930A2C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **58CAA5**, and **005F41** is the 20% darker color. If you saturate the color by 10%, you get **00936F**, and if you desaturate by 10%, it is **199375**.

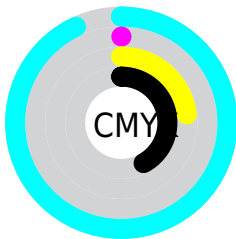
Distribution



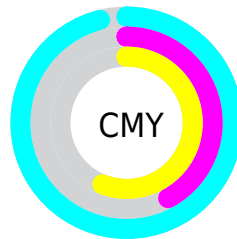
- Red (4%)
- Green (58%)
- Blue (44%)



- Red (4%)
- Yellow (35%)
- Blue (58%)



- Cyan (93%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (96%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9371 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 0A9371 by changing the saturation by 10% instead.

 0A9371

 0A9371

FFFFFF

 007959

 58CAA5

 005F41

 75E6C0

 00472B

 92FFDC

 002F16

 AFFFF8

 001700

 CDFFFF

 000000

 EAFFFF

 0A9371

 0A9371

 00936F

 199375

■ 279378

■ 36937C

■ 459380

■ 549383

■ 629387

■ 71938B

■ 80938E

■ 8E9392

Harmonies

Analogous

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



588F4F



0A9371



009497

Triad

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



0A9371



6C7EC7



BC6D4D

Complementary

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



0A9371



930A2C

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.



C6636D



0A9371



A06FB3

Square

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



0A9371



008AC8



BD6492



A37A39

Rectangle

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



0A9371



0092AD



BD6492



C16957

Sweetspot

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



0A9371



8ABFB2



2C930A



406159



E0E0E0



616161

Same Dimension

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



0A9371



00BF90



0A7193



434A48



008A68



000A08

Inverse Universe

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



930A2C



BF002F



932C0A



4A4344



8A0022



0A0003

Previews

White Background



This preview shows how the Hex color 0A9371 looks on a white background.

Color Contrast Check

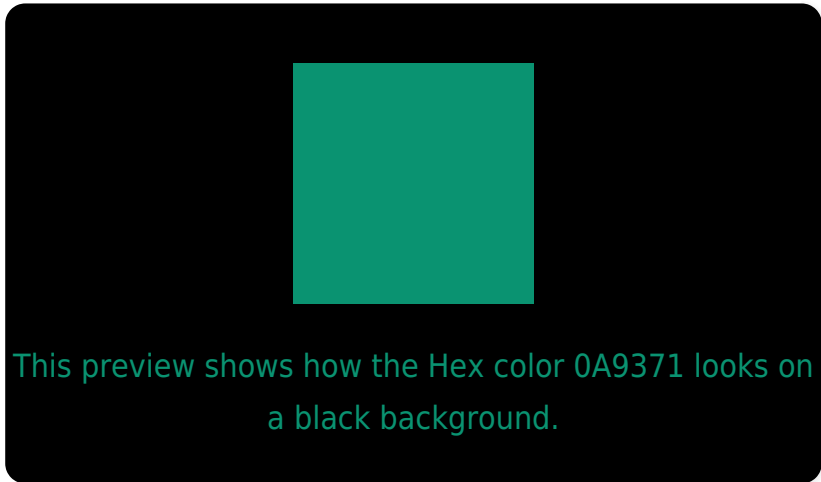
Large Text (above 18pt) WCAG AA ✓ Pass

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

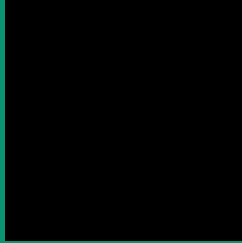
Any Text WCAG AA ✓ Pass

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 0A9371 Background



This preview shows how black text looks on a background with the Hex color 0A9371.

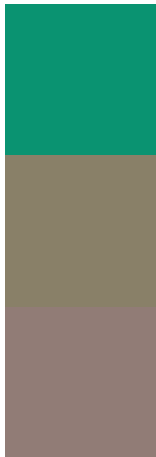


This preview shows how white text looks on a background with the Hex color 0A9371.

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
0A9371

Protanopia
898068

Deuteranopia
917C76



Tritanopia
2F8E99

Trichromacy



Original Color
0A9371



Protanomaly
5B876B



Deuteranomaly
608474



Tritanomaly
22908A

Monochromacy



Original Color
0A9371



Achromatopsia
666666



Achromatomaly
45766A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9371 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 #0A9371 looks like.

```
.text, #text, p{  
    color:#0A9371  
}
```

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 #0A9371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9371
}
```

Border

The CSS property to change the border of an element to Hex 0A9371 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
#0A9371 }
```

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

```
.border{ border-color:#0A9371 }
```

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

Here you see how a box with a 4 pixel #0A9371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9371; -webkit-box-shadow:4px 4px  
4px 4px #0A9371; box-shadow:4px 4px 4px  
4px #0A9371 }
```

Background

The CSS property to change the background color of an element to Hex 0A9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9371 }
```

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

```
.background{ background-color:#0A9371 }
```

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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