

Converting Colors

Hex(0A9A68)

Have a look what the booklet for
Hex(0A9A68) contains.

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Color

Hex(0A9A68)

Conversions

Conversions Part 1

Format	Color
Hex	0A9A68
RGB	10, 154, 104
RGB Percent	4%, 60%, 41%
CMY	0.9608, 0.3961, 0.5922
CMYK	0.94, 0.00, 0.32, 0.40
HSL	159°, 88%, 32%
HSV	159°, 94%, 60%
XYZ	14.1795, 24.1752, 17.0157
YIQ	105.2440, -69.7740, -46.0780

Conversions

Conversions Part 2

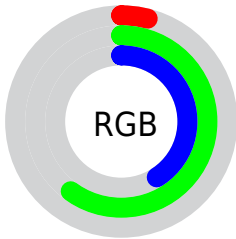
Format	Color
RYB	10, 97, 154
Decimal	694888
CIELab	56.26, -46.30, 16.86
CIElCh	56, 49.271, 159.985
Yxy	24.1752, 0.2561, 0.4366
Android (android.graphics.Color)	4278884968 (0xFF0A9A68)
YUV	105.2440, -0.6133, -83.5290
Hunter-Lab	49.1683, -34.5675, 13.8993

Details

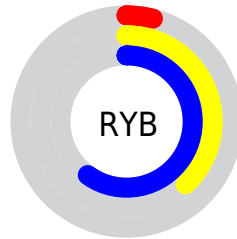
The Hex color **0A9A68** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A0A3C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **59D19B**, and **006639** is the 20% darker color. If you saturate the color by 10%, you get **009A65**, and if you desaturate by 10%, it is **199A6D**.

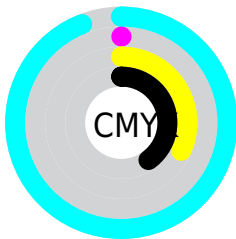
Distribution



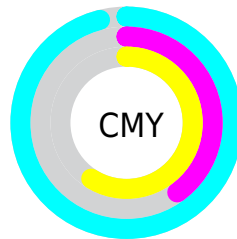
- Red (4%)
- Green (60%)
- Blue (41%)



- Red (4%)
- Yellow (38%)
- Blue (60%)



- Cyan (94%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A9A68 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 0A9A68 by changing the saturation by 10% instead.



0A9A68



0A9A68

FFFFFF



007F50



59D19B



006639



77EEB6



004C23



94FFD2



00350D



B1FFEE



001E00



CFFFFFF



000000



EDFFFF



0A9A68



0A9A68



009A65



199A6D

 299A73

 389A78

 489A7D

 579A83

 669A88

 769A8D

 859A93

 959A98

Harmonies

Analogous

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



639442



0A9A68



009C94

Triad

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



0A9A68



5287DB



CF6A52

Complementary

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



0A9A68



9A0A3C

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.



D6617A



0A9A68



9C76C9

Square

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



0A9A68



0093D7



C666A5



B67A34

Rectangle

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



0A9A68



009BB0



C666A5



D4665F

Sweetspot

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



0A9A68



91C9B6



3C9A0A



43665A



E6E6E6



666666

Same Dimension

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



0A9A68



00C984



0A849A



454D4A



008C5C



000D08

Inverse Universe

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



9A0A3C



C90046



9A200A



4D4548



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 0A9A68 looks on a white background.

Color Contrast Check

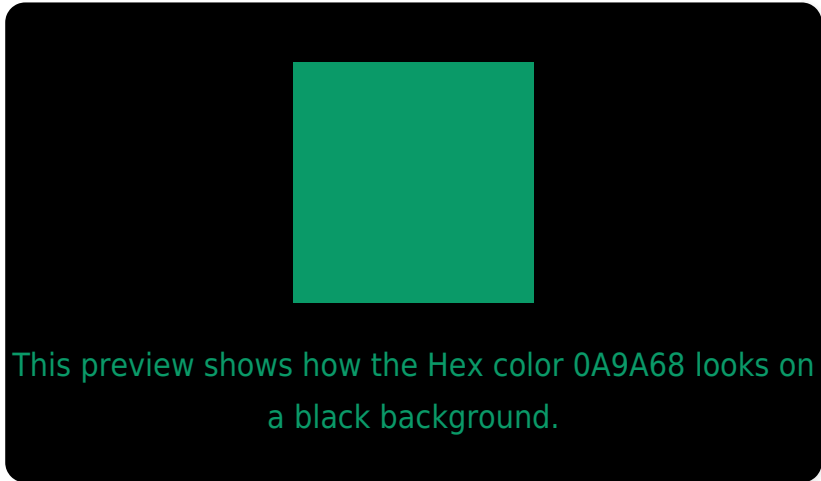
Large Text (above 18pt) WCAG AA ✓ Pass

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

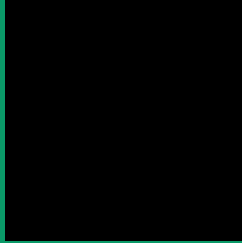
Any Text WCAG AA ✓ Pass

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 0A9A68 Background



This preview shows how black text looks on a background with the Hex color 0A9A68.

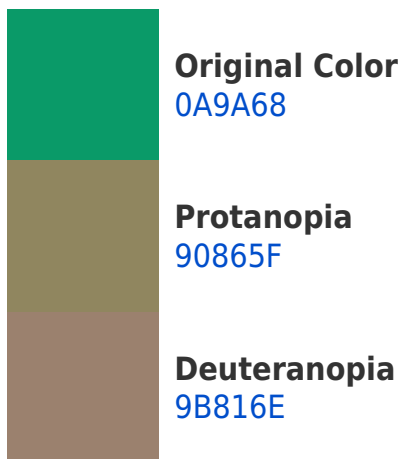


This preview shows how white text looks on a background with the Hex color 0A9A68.

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
36939F

Trichromacy



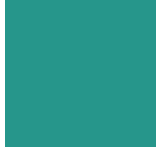
Original Color
0A9A68



Protanomaly
5F8D62



Deuteranomaly
668A6C



Tritanomaly
26968B

Monochromacy



Original Color
0A9A68



Achromatopsia
696969



Achromatomaly
467B69

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A9A68 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 #0A9A68 looks like.

```
.text, #text, p{  
    color:#0A9A68  
}
```

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 #0A9A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A9A68
}
```

Border

The CSS property to change the border of an element to Hex 0A9A68 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
#0A9A68 }
```

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

```
.border{ border-color:#0A9A68 }
```

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

Here you see how a box with a 4 pixel #0A9A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A9A68; -webkit-box-shadow:4px 4px  
4px 4px #0A9A68; box-shadow:4px 4px 4px  
4px #0A9A68 }
```

Background

The CSS property to change the background color of an element to Hex 0A9A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A9A68 }
```

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

```
.background{ background-color:#0A9A68 }
```

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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