

Converting Colors

Hex(009A64)

Have a look what the booklet for
Hex(009A64) contains.

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Color

Hex(009A64)

Conversions

Conversions Part 1

Format	Color
Hex	009A64
RGB	0, 154, 100
RGB Percent	0%, 60%, 39%
CMY	1.0000, 0.3961, 0.6078
CMYK	1.00, 0.00, 0.35, 0.40
HSL	159°, 100%, 30%
HSV	159°, 100%, 60%
XYZ	13.8559, 24.0313, 15.9648
YIQ	101.7980, -74.4500, -49.4420

Conversions

Conversions Part 2

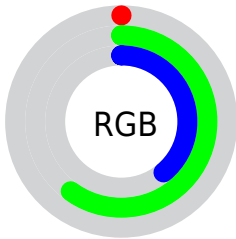
Format	Color
RYB	0, 93, 154
Decimal	39524
CIELab	56.12, -47.71, 18.88
CIELCh	56, 51.310, 158.409
Yxy	24.0313, 0.2573, 0.4462
Android (android.graphics.Color)	4278229604 (0xFF009A64)
YUV	101.7980, -0.8864, -89.2768
Hunter-Lab	49.0217, -35.3355, 15.0063

Details

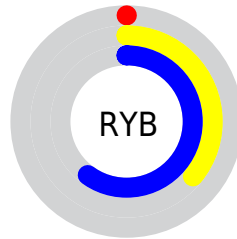
The Hex color **009A64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9A0036**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57D197**, and **006535** is the 20% darker color. If you saturate the color by 10%, you get **009A64**, and if you desaturate by 10%, it is **0F9A69**.

Distribution



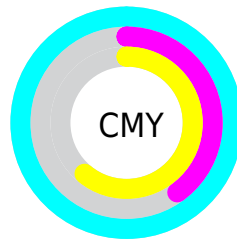
- Red (0%)
- Green (60%)
- Blue (39%)



- Red (0%)
- Yellow (36%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009A64 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 009A64 by changing the saturation by 10% instead.

 009A64

 009A64

FFFFFF

 007F4C

 57D197

 006535

 75EEB2

 004C1F

 92FFCE

 003408

 AFFFEA

 001E00

 CDFFFF

 000000

 EBFFFF

 009A64

 0F9A69

 1F9A6F

 2E9A74

 3E9A7A

 4D9A7F

 5C9A84

 6C9A8A

 7B9A8F

 8B9A95

Harmonies

Analogous

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



63943C



009A64



009C92

Triad

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



009A64



4687DF



D26751

Complementary

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



009A64



9A0036

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.



D85E7C



009A64



9975CD

Square

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



009A64



0094D9



C664A8



B97831

Rectangle

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



009A64



009CB0



C664A8



D6635F

Sweetspot

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



009A64



8DC9B4



389A00



416659



E6E6E6



666666

Same Dimension

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



009A64



00C983



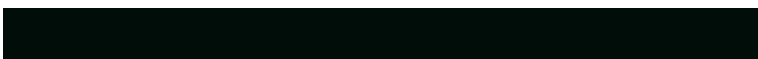
00859A



454D4A



008C5B



000D08

Inverse Universe

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



9A0036



C90047



9A1500



4D4548



8C0031



0D0004

Previews

White Background



This preview shows how the Hex color 009A64 looks on a white background.

Color Contrast Check

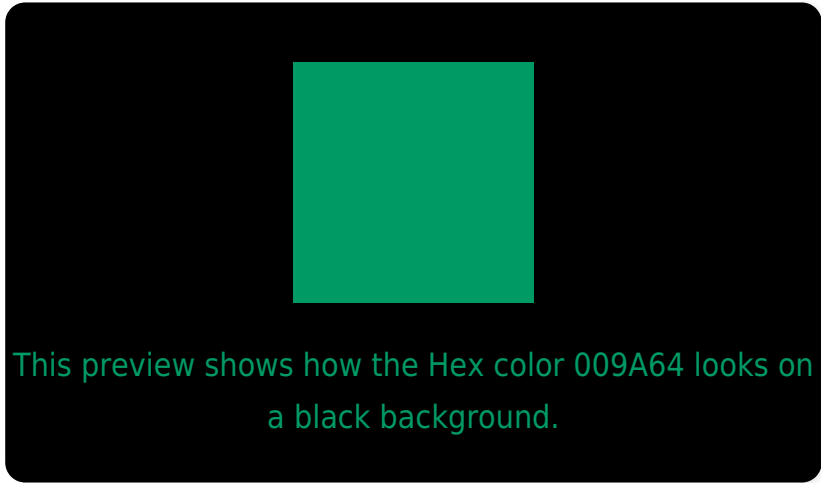
Large Text (above 18pt) WCAG AA ✓ Pass

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

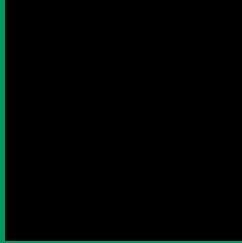
Any Text WCAG AA ✓ Pass

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 009A64 Background



This preview shows how black text looks on a background with the Hex color 009A64.

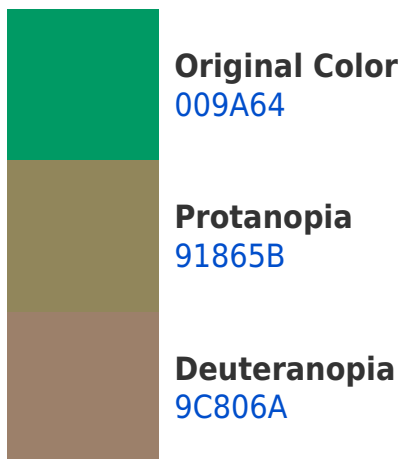


This preview shows how white text looks on a background with the Hex color 009A64.

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



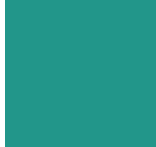
Original Color
009A64



Protanomaly
5C8D5E



Deuteranomaly
638968



Tritanomaly
22968A

Monochromacy



Original Color
009A64



Achromatopsia
666666



Achromatomaly
417965

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A64 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 #009A64 looks like.

```
.text, #text, p{  
    color:#009A64  
}
```

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 #009A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A64
}
```

Border

The CSS property to change the border of an element to Hex 009A64 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
#009A64 }
```

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

```
.border{ border-color:#009A64 }
```

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

Here you see how a box with a 4 pixel #009A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A64; -webkit-box-shadow:4px 4px  
4px 4px #009A64; box-shadow:4px 4px 4px  
4px #009A64 }
```

Background

The CSS property to change the background color of an element to Hex 009A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A64 }
```

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

```
.background{ background-color:#009A64 }
```

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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