

Converting Colors

Hex(009468)

Have a look what the booklet for
Hex(009468) contains.

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Color

Hex(009468)

Conversions

Conversions Part 1

Format	Color
Hex	009468
RGB	0, 148, 104
RGB Percent	0%, 58%, 41%
CMY	1.0000, 0.4196, 0.5922
CMYK	1.00, 0.00, 0.30, 0.42
HSL	162°, 100%, 29%
HSV	162°, 100%, 58%
XYZ	13.0886, 22.1793, 16.6879
YIQ	98.7320, -74.0840, -45.0600

Conversions

Conversions Part 2

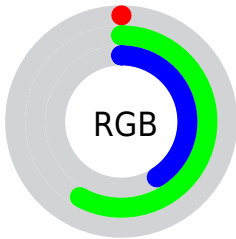
Format	Color
RYB	0, 87, 148
Decimal	37992
CIELab	54.22, -44.46, 14.03
CIELCh	54, 46.621, 162.483
Yxy	22.1793, 0.2519, 0.4269
Android (android.graphics.Color)	4278228072 (0xFF009468)
YUV	98.7320, 2.5971, -86.5880
Hunter-Lab	47.0949, -32.8074, 11.9572

Details

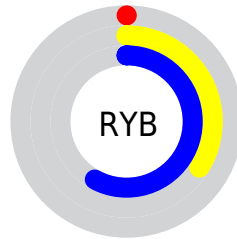
The Hex color **009468** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **94002C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55CB9B**, and **006039** is the 20% darker color. If you saturate the color by 10%, you get **009468**, and if you desaturate by 10%, it is **0F946C**.

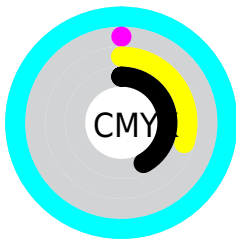
Distribution



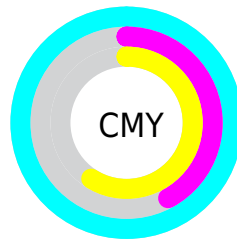
- Red (0%)
- Green (58%)
- Blue (41%)



- Red (0%)
- Yellow (34%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009468 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 009468 by changing the saturation by 10% instead.

 009468

 009468

FFFFFF

 007A50

 55CB9B

 006039

 73E8B6

 004723

 90FFD2

 00300E

 ADFEE

 001700

 CBFFF

 000000

 E8FFF

 009468

 0F946C

 1E9471

 2C9475

 3B947A

 4A947E

 599482

 689487

 76948B

 859490

Harmonies

Analogous

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



5C8F43



009468



009692

Triad

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



009468



5980D0



C4684D

Complementary

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



009468



94002C

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.



CC5E72



009468



9A70BD

Square

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



009468



008DCE



BF629B



AC7733

Rectangle

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



009468



0095AC



BF629B



C96459

Sweetspot

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



009468



86BFAE



2C9400



3E6157



E0E0E0



616161

Same Dimension

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



009468



00BF86



007694



434A48



008A61



000A07

Inverse Universe

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



94002C



BF0039



941E00



4A4345



8A0029



0A0003

Previews

White Background



This preview shows how the Hex color 009468 looks on a white background.

Color Contrast Check

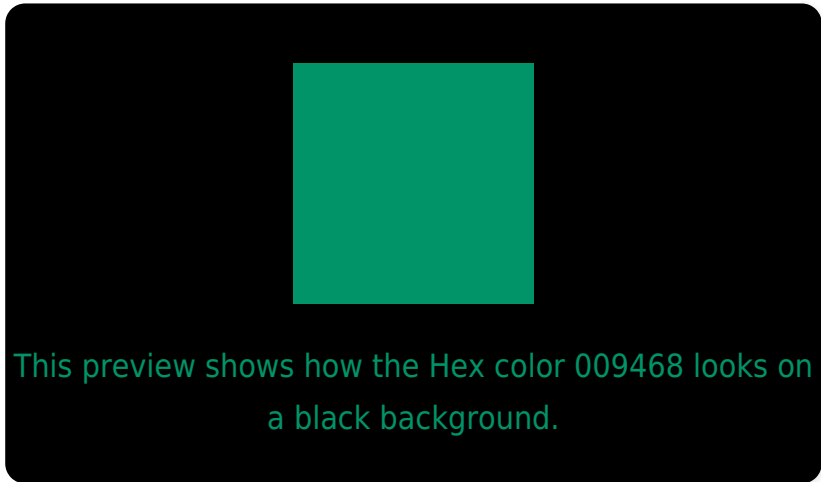
Large Text (above 18pt) WCAG AA ✓ Pass

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

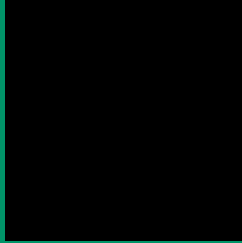
Any Text WCAG AA ✓ Pass

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 009468 Background



This preview shows how black text looks on a background with the Hex color 009468.

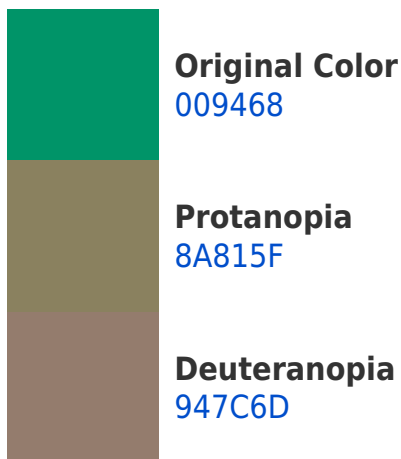


This preview shows how white text looks on a background with the Hex color 009468.

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
328E99

Trichromacy



Original Color
009468



Protanomaly
588862



Deuteranomaly
5E856B



Tritanomaly
209087

Monochromacy



Original Color
009468



Achromatopsia
636363



Achromatomaly
3F7565

CSS Examples

Text

The CSS property to change the color of the text to Hex 009468 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 #009468 looks like.

```
.text, #text, p{  
    color:#009468  
}
```

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 #009468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009468
}
```

Border

The CSS property to change the border of an element to Hex 009468 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
#009468 }
```

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

```
.border{ border-color:#009468 }
```

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

Here you see how a box with a 4 pixel #009468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009468; -webkit-box-shadow:4px 4px  
4px 4px #009468; box-shadow:4px 4px 4px  
4px #009468 }
```

Background

The CSS property to change the background color of an element to Hex 009468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009468 }
```

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

```
.background{ background-color:#009468 }
```

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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