

Converting Colors

Hex(069B4C)

Have a look what the booklet for
Hex(069B4C) contains.

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Color

Hex(069B4C)

Conversions

Conversions Part 1

Format	Color
Hex	069B4C
RGB	6, 155, 76
RGB Percent	2%, 61%, 30%
CMY	0.9765, 0.3922, 0.7020
CMYK	0.96, 0.00, 0.51, 0.39
HSL	148°, 93%, 32%
HSV	148°, 96%, 61%
XYZ	13.1010, 24.0032, 10.7801
YIQ	101.4430, -63.4450, -56.1570

Conversions

Conversions Part 2

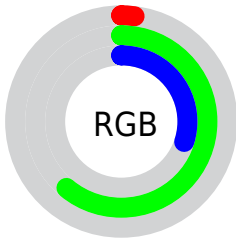
Format	Color
RYB	6, 107, 155
Decimal	432972
CIELab	56.09, -52.46, 31.77
CIElCh	56, 61.328, 148.798
Yxy	24.0032, 0.2736, 0.5013
Android (android.graphics.Color)	4278623052 (0xFF069B4C)
YUV	101.4430, -12.5434, -83.7035
Hunter-Lab	48.9931, -38.0062, 21.2494

Details

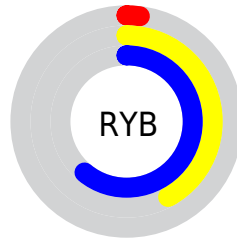
The Hex color **069B4C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9B0655**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59D37E**, and **00661C** is the 20% darker color. If you saturate the color by 10%, you get **009B49**, and if you desaturate by 10%, it is **169B54**.

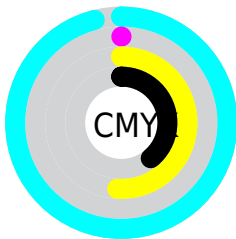
Distribution



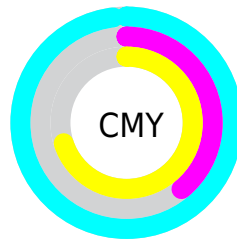
- Red (2%)
- Green (61%)
- Blue (30%)



- Red (2%)
- Yellow (42%)
- Blue (61%)



- Cyan (96%)
- Magenta (0%)
- Yellow (51%)
- Black (39%)



- Cyan (98%)
- Magenta (39%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069B4C 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 069B4C by changing the saturation by 10% instead.

 069B4C

 069B4C

FFFFFF

 008034

 59D37E

 00661C

 77EF99

 004D03

 94FFB4

 003500

 B1FFD0

 001E00

 CFFFEC

 000000

 EDFFFF

 069B4C

 069B4C

 009B49

 169B54

 259B5C

 359B65

 449B6D

 549B75

 639B7D

 739B86

 829B8E

 929B96

Harmonies

Analogous

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



6E921B



069B4C



009F83

Triad

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



069B4C



008DF1



E35856

Complementary

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



069B4C



9B0655

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.



E3518B



069B4C



8179E4

Square

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



069B4C



009AE1



C461BF



CB6E28

Rectangle

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



069B4C



009FA7



C461BF



E65367

Sweetspot

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



069B4C



8FC9AA



559B06



426653



E6E6E6



666666

Same Dimension

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



069B4C



00C95F



069B96



454D48



008C42



000D06

Inverse Universe

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



9B0655



C9006B



9B060B



4D4549



8C004A



0D0007

Previews

White Background



This preview shows how the Hex color 069B4C looks on a white background.

Color Contrast Check

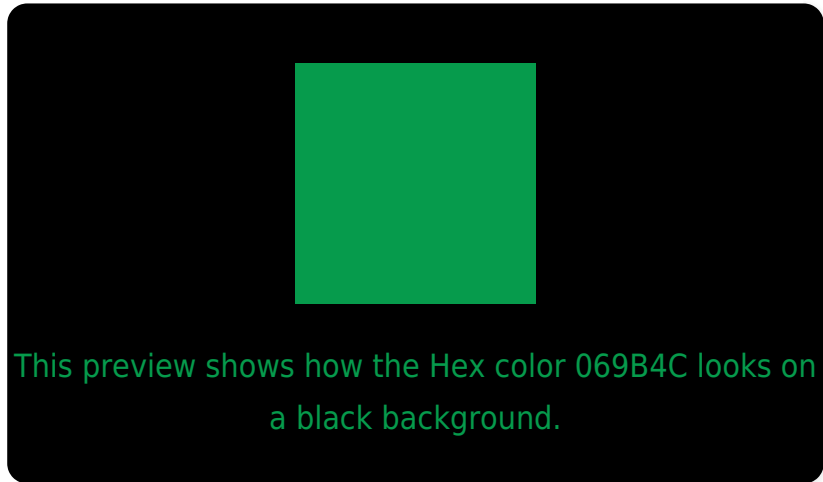
Large Text (above 18pt) WCAG AA ✓ Pass

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 069B4C Background



This preview shows how black text looks on a background with the Hex color 069B4C.



This preview shows how white text looks on a background with the Hex color 069B4C.

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
069B4C

Protanopia
938645

Deuteranopia
A18053



Tritanopia
3C929E

Trichromacy



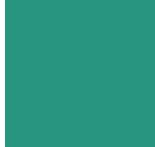
Original Color
069B4C



Protanomaly
608E48



Deuteranomaly
698A50



Tritanomaly
289580

Monochromacy



Original Color
069B4C



Achromatopsia
656565



Achromatomaly
42795C

CSS Examples

Text

The CSS property to change the color of the text to Hex 069B4C 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 #069B4C looks like.

```
.text, #text, p{  
    color:#069B4C  
}
```

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 #069B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069B4C
}
```

Border

The CSS property to change the border of an element to Hex 069B4C 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
#069B4C }
```

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

```
.border{ border-color:#069B4C }
```

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

Here you see how a box with a 4 pixel #069B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069B4C; -webkit-box-shadow:4px 4px  
4px 4px #069B4C; box-shadow:4px 4px 4px  
4px #069B4C }
```

Background

The CSS property to change the background color of an element to Hex 069B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069B4C }
```

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

```
.background{ background-color:#069B4C }
```

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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