

Converting Colors

Hex(069717)

Have a look what the booklet for
Hex(069717) contains.

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Color

Hex(069717)

Conversions

Conversions Part 1

Format	Color
Hex	069717
RGB	6, 151, 23
RGB Percent	2%, 59%, 9%
CMY	0.9765, 0.4078, 0.9098
CMYK	0.96, 0.00, 0.85, 0.41
HSL	127°, 92%, 31%
HSV	127°, 96%, 59%
XYZ	11.2964, 22.2338, 4.5068
YIQ	93.0530, -45.3320, -70.5480

Conversions

Conversions Part 2

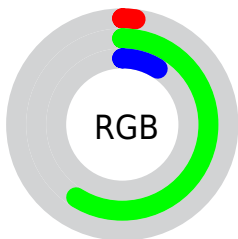
Format	Color
RYB	6, 136, 151
Decimal	431895
CIELab	54.27, -57.07, 51.98
CIELCh	54, 77.197, 137.675
Yxy	22.2338, 0.2970, 0.5845
Android (android.graphics.Color)	4278621975 (0xFF069717)
YUV	93.0530, -34.5361, -76.3455
Hunter-Lab	47.1527, -39.7541, 27.3401

Details

The Hex color **069717** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **970686**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5ACF50**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **009712**, and if you desaturate by 10%, it is **159724**.

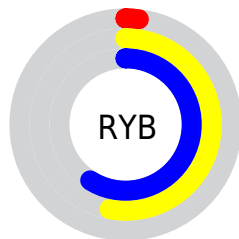
Distribution



Red (2%)

Green (59%)

Blue (9%)



Red (2%)

Yellow (53%)

Blue (59%)

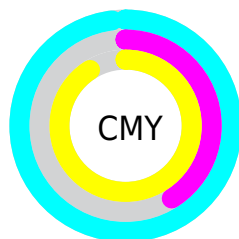


Cyan (96%)

Magenta (0%)

Yellow (85%)

Black (41%)



Cyan (98%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069717 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 069717 by changing the saturation by 10% instead.

 069717

 069717


FFFFFF

 007C00

 5ACF50

 006200

 78EB6A

 004900

 96FF85

 003200

 B3FFA1

 001800

 D1FFBC

 000000

 EFFF9

 FFFFF6

 069717

 069717

■ 009712

■ 159724

■ 249732

■ 33973F

■ 42974C

■ 52975A

■ 619767

■ 709774

■ 7F9782

■ 8E978F

Harmonies

Analogous

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



788B00



069717



009D63

Triad

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



069717



0092FF



F5305E

Complementary

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



069717



970686

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.



E933A0



069717



1F7CFF

Square

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



069717



009CE4



B45ADD



E0541C

Rectangle

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



069717



009F92



B45ADD



F52974

Sweetspot

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



069717



8BC492



869706



416345



E3E3E3



636363

Same Dimension

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



069717



00C417



06975F



454D46



008C10



000D01

Inverse Universe

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



970686



C400AD



97063E



4D454C



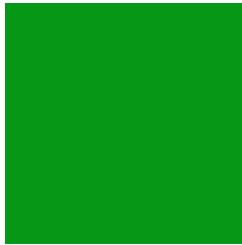
8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 069717 looks on a white background.

Color Contrast Check

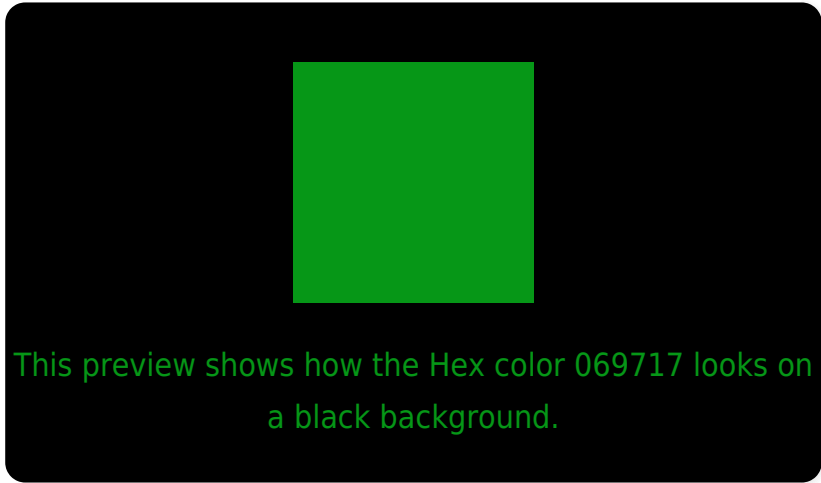
Large Text (above 18pt) WCAG AA ✓ Pass

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 069717 Background



This preview shows how black text looks on a background with the Hex color 069717.



This preview shows how white text looks on a background with the Hex color 069717.

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
069717

Protanopia
918111

Deuteranopia
A27B27



Tritanopia
3F8D98

Trichromacy



Original Color

069717



Protanomaly

5E8913



Deuteranomaly

698521



Tritanomaly

2A9169

Monochromacy



Original Color

069717



Achromatopsia

5D5D5D



Achromatomaly

3D7244

CSS Examples

Text

The CSS property to change the color of the text to Hex 069717 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 #069717 looks like.

```
.text, #text, p{  
    color:#069717  
}
```

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 #069717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069717
}
```

Border

The CSS property to change the border of an element to Hex 069717 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
#069717 }
```

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

```
.border{ border-color:#069717 }
```

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

Here you see how a box with a 4 pixel #069717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069717; -webkit-box-shadow:4px 4px  
4px 4px #069717; box-shadow:4px 4px 4px  
4px #069717 }
```

Background

The CSS property to change the background color of an element to Hex 069717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069717 }
```

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

```
.background{ background-color:#069717 }
```

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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