

Converting Colors

Hex(069D00)

Have a look what the booklet for
Hex(069D00) contains.

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Color

Hex(069D00)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 069D00 |
| RGB | 6, 157, 0 |
| RGB Percent | 2%, 62%, 0% |
| CMY | 0.9765, 0.3843, 1.0000 |
| CMYK | 0.96, 0.00, 1.00, 0.38 |
| HSL | 118°, 100%, 31% |
| HSV | 118°, 100%, 62% |
| XYZ | 12.1321, 24.1527, 4.0225 |
| YIQ | 93.9530, -39.5990, -80.8390 |

Conversions

Conversions Part 2

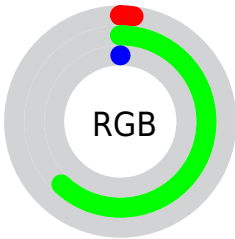
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 157, 151 |
| Decimal | 433408 |
| CIELab | 56.24, -59.63, 57.94 |
| CIELCh | 56, 83.145, 135.823 |
| Yxy | 24.1527, 0.3010, 0.5992 |
| Android (android.graphics.Color) | 4278623488 (0xFF069D00) |
| YUV | 93.9530, -46.3188, -77.1348 |
| Hunter-Lab | 49.1454, -41.9397, 29.5489 |

Details

The Hex color **069D00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **97009D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5CD547**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **069D00**, and if you desaturate by 10%, it is **159D10**.

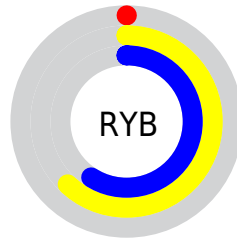
Distribution



Red (2%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (59%)

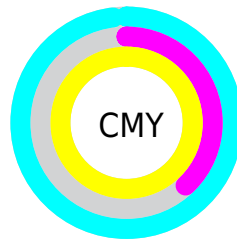


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (98%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069D00 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 069D00 by changing the saturation by 10% instead.

 069D00

 069D00

FFFFFF

 008200

 5CD547

 006800

 7BF262

 004E00

 99FF7D

 003700

 B7FF99

 001E00

 D5FFB5

 000000

 F3FFD1

 FFFFEF

 069D00

 159D10

 249D1F

 339D2F

 429D3F

 529D4F

 619D5E

 709D6E

 7F9D7E

 8E9D8D

Harmonies

Analogous

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



808F00



069D00



00A461

Triad

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



069D00



0099FF



FF2464

Complementary

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



069D00



97009D

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.



F42DAC



069D00



0083FF

Square

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



069D00



00A3EE



B75EED



EE521C

Rectangle

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



069D00



00A594



B75EED



FF1B7C

Sweetspot

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



069D00



91CC8F



9D9500



436641



E6E6E6



666666

Same Dimension

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



069D00



08CC00



009D47



474F47



058F00



010F00

Inverse Universe

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



97009D



C400CC



9D0056



4F474F



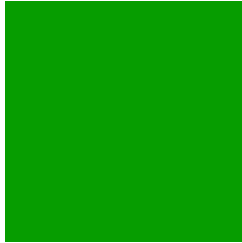
89008F



0F000F

Previews

White Background



This preview shows how the Hex color 069D00 looks on a white background.

Color Contrast Check

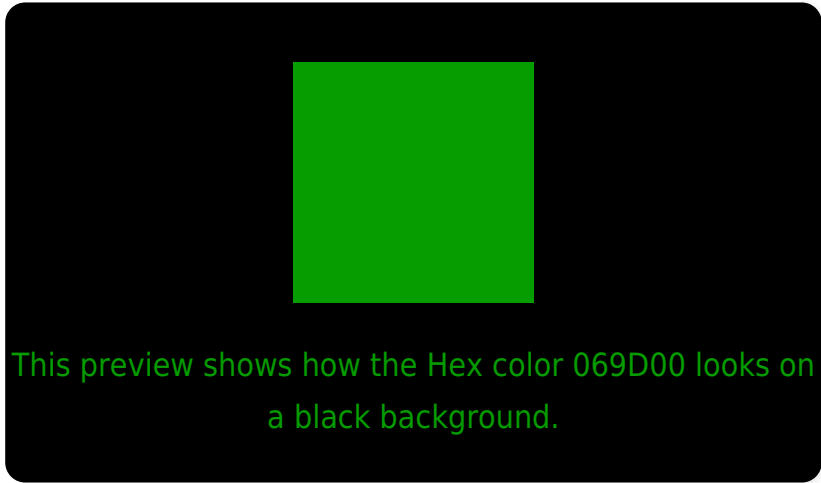
Large Text (above 18pt) WCAG AA ✓ Pass

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 069D00 Background



This preview shows how black text looks on a background with the Hex color 069D00.



This preview shows how white text looks on a background with the Hex color 069D00.

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
069D00

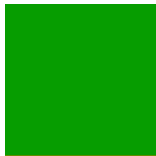
Protanopia
978600

Deuteranopia
A97F22



Tritanopia
42929E

Trichromacy



Original Color
069D00



Protanomaly
628E00



Deuteranomaly
6E8A16



Tritanomaly
2C9665

Monochromacy



Original Color
069D00



Achromatopsia
5E5E5E



Achromatomaly
3E753C

CSS Examples

Text

The CSS property to change the color of the text to Hex 069D00 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 #069D00 looks like.

```
.text, #text, p{  
    color:#069D00  
}
```

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 #069D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069D00
}
```

Border

The CSS property to change the border of an element to Hex 069D00 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
#069D00 }
```

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

```
.border{ border-color:#069D00 }
```

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

Here you see how a box with a 4 pixel #069D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069D00; -webkit-box-shadow:4px 4px  
4px 4px #069D00; box-shadow:4px 4px 4px  
4px #069D00 }
```

Background

The CSS property to change the background color of an element to Hex 069D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069D00 }
```

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

```
.background{ background-color:#069D00 }
```

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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