

Converting Colors

Hex(069535)

Have a look what the booklet for
Hex(069535) contains.

Hex(069535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(069535)

Conversions

Conversions Part 1

Format	Color
Hex	069535
RGB	6, 149, 53
RGB Percent	2%, 58%, 21%
CMY	0.9765, 0.4157, 0.7922
CMYK	0.96, 0.00, 0.64, 0.42
HSL	140°, 92%, 30%
HSV	140°, 96%, 58%
XYZ	11.4652, 21.7907, 6.9699
YIQ	95.2990, -54.4120, -60.1720

Conversions

Conversions Part 2

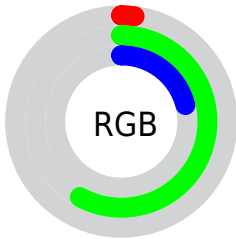
Format	Color
RYB	6, 114, 149
Decimal	431413
CIELab	53.80, -53.83, 40.35
CIELCh	54, 67.273, 143.148
Yxy	21.7907, 0.2850, 0.5417
Android (android.graphics.Color)	4278621493 (0xFF069535)
YUV	95.2990, -20.8534, -78.3152
Hunter-Lab	46.6805, -37.8495, 23.8237

Details

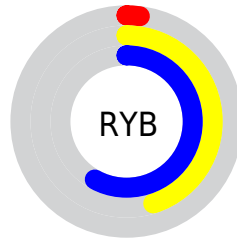
The Hex color **069535** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **950666**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **58CC67**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **009531**, and if you desaturate by 10%, it is **15953F**.

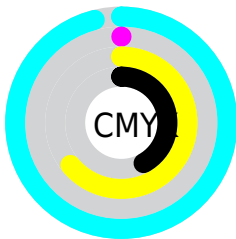
Distribution



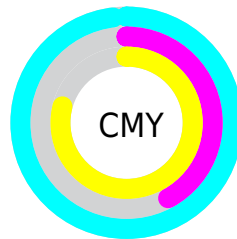
- Red (2%)
- Green (58%)
- Blue (21%)



- Red (2%)
- Yellow (45%)
- Blue (58%)



- Cyan (96%)
- Magenta (0%)
- Yellow (64%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 069535 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 069535 by changing the saturation by 10% instead.

 069535

 069535

FFFFFF

 007A1B

 58CC67

 006100

 75E982

 004700

 93FF9C

 003100

 B0FFB8

 001600

 CDFFD4

 000000

 EBFFF1

 069535

 069535


 009531

 15953F

 249549

 339553

 42955D

 519567

 5F9571

 6E957B

 7D9585

 8C958F

Harmonies

Analogous

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



708B00



069535



009A71

Triad

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



069535



008CF5



E54657

Complementary

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



069535



950666

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.



E04290



069535



6177EC

Square

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



069535



0097DD



B95AC7



CF6020

Rectangle

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



069535



009B99



B95AC7



E7416A

Sweetspot

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



069535



8AC29C



689506



3F614A



E0E0E0



616161

Same Dimension

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



069535



00C240



06957B



434A45



008A2D



000A03

Inverse Universe

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



950666



C20082



950620



4A4348



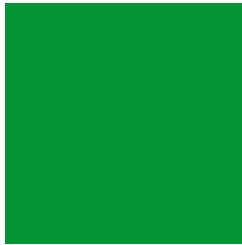
8A005C



0A0007

Previews

White Background



This preview shows how the Hex color 069535 looks on a white background.

Color Contrast Check

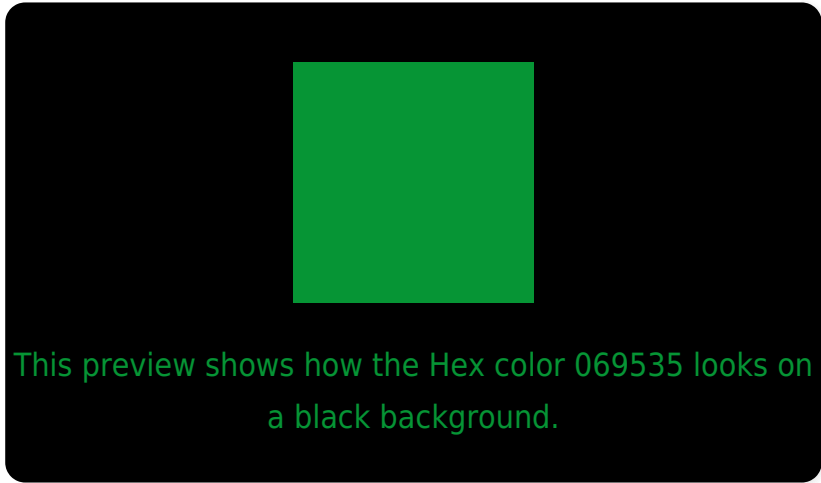
Large Text (above 18pt) WCAG AA ✓ Pass

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 069535 Background



This preview shows how black text looks on a background with the Hex color 069535.



This preview shows how white text looks on a background with the Hex color 069535.

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
069535

Protanopia
8F802F

Deuteranopia
9E7A3D



Tritanopia
3C8B97

Trichromacy



Original Color
069535



Protanomaly
5D8831



Deuteranomaly
67843A



Tritanomaly
288F73

Monochromacy



Original Color
069535



Achromatopsia
5F5F5F



Achromatomaly
3F7350

CSS Examples

Text

The CSS property to change the color of the text to Hex 069535 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 #069535 looks like.

```
.text, #text, p{  
    color:#069535  
}
```

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 #069535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #069535
}
```

Border

The CSS property to change the border of an element to Hex 069535 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
#069535 }
```

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

```
.border{ border-color:#069535 }
```

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

Here you see how a box with a 4 pixel #069535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #069535; -webkit-box-shadow:4px 4px  
4px 4px #069535; box-shadow:4px 4px 4px  
4px #069535 }
```

Background

The CSS property to change the background color of an element to Hex 069535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#069535 }
```

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

```
.background{ background-color:#069535 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor