

Converting Colors

Hex(068951)

Have a look what the booklet for
Hex(068951) contains.

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Color

Hex(068951)

Conversions

Conversions Part 1

Format	Color
Hex	068951
RGB	6, 137, 81
RGB Percent	2%, 54%, 32%
CMY	0.9765, 0.4627, 0.6824
CMYK	0.96, 0.00, 0.41, 0.46
HSL	154°, 92%, 28%
HSV	154°, 96%, 54%
XYZ	10.5060, 18.5241, 10.8064
YIQ	91.4470, -60.1000, -45.1880

Conversions

Conversions Part 2

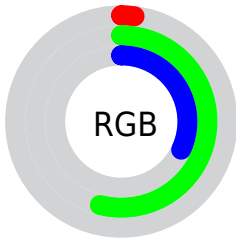
Format	Color
RYB	6, 89, 137
Decimal	428369
CIELab	50.13, -45.07, 21.41
CIELCh	50, 49.894, 154.587
Yxy	18.5241, 0.2637, 0.4650
Android (android.graphics.Color)	4278618449 (0xFF068951)
YUV	91.4470, -5.1504, -74.9370
Hunter-Lab	43.0397, -31.7476, 15.2413

Details

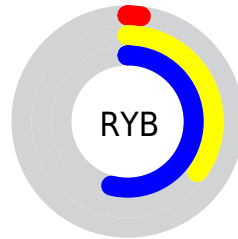
The Hex color **068951** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **89063E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **53BF83**, and **005623** is the 20% darker color. If you saturate the color by 10%, you get **00894E**, and if you desaturate by 10%, it is **148957**.

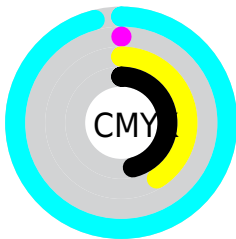
Distribution



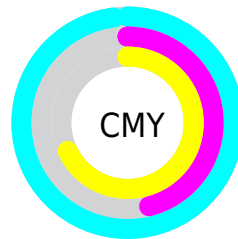
- Red (2%)
- Green (54%)
- Blue (32%)



- Red (2%)
- Yellow (35%)
- Blue (54%)



- Cyan (96%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)




- Cyan (98%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068951 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 068951 by changing the saturation by 10% instead.

 068951

 068951

FFFFFF

 006F3A

 53BF83

 005623

 70DC9D

 003D0E

 8DF9B8

 002800

 A9FFD4


 000100

 C6FFF0

 000000

 E4FFFF

 068951

 068951

 00894E

 148957

■ 21895D

■ 2F8963

■ 3D8968

■ 4B896E

■ 588974

■ 66897A

■ 748980

■ 818986

Harmonies

Analogous

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



5B822C



068951



008C7D

Triad

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



068951



1D7ACC



C05749

Complementary

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



068951



89063E

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.



C44F72



068951



8169BD

Square

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



068951



0085C4



B0589C



AA6828

Rectangle

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



068951



008B99



B0589C



C45356

Sweetspot

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



068951



7FB39C



3F8906



3A594C



D9D9D9



595959

Same Dimension

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



068951



00B366



068089



3E4542



00854C



000503

Inverse Universe

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



89063E



B3004C



890F06



453E41



850039



050002

Previews

White Background



This preview shows how the Hex color 068951 looks on a white background.

Color Contrast Check

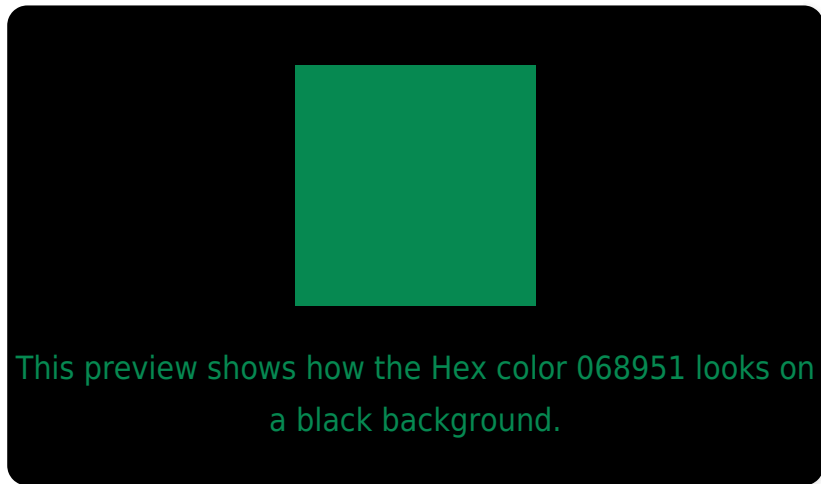
Large Text (above 18pt) WCAG AA ✓ Pass

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 068951 Background



This preview shows how black text looks on a background with the Hex color 068951.



This preview shows how white text looks on a background with the Hex color 068951.

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
068951

Protanopia
81774A

Deuteranopia
8C7256



Tritanopia
32828D

Trichromacy



Original Color
068951



Protanomaly
547E4D



Deuteranomaly
5B7A54



Tritanomaly
228577

Monochromacy



Original Color
068951



Achromatopsia
5B5B5B



Achromatomaly
3C6C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 068951 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 #068951 looks like.

```
.text, #text, p{  
    color:#068951  
}
```

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 #068951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068951
}
```

Border

The CSS property to change the border of an element to Hex 068951 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
#068951 }
```

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

```
.border{ border-color:#068951 }
```

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

Here you see how a box with a 4 pixel #068951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068951; -webkit-box-shadow:4px 4px  
4px 4px #068951; box-shadow:4px 4px 4px  
4px #068951 }
```

Background

The CSS property to change the background color of an element to Hex 068951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068951 }
```

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

```
.background{ background-color:#068951 }
```

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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