

Converting Colors

Hex(068631)

Have a look what the booklet for
Hex(068631) contains.

Hex(068631)	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(068631)

Conversions

Conversions Part 1

Format	Color
Hex	068631
RGB	6, 134, 49
RGB Percent	2%, 53%, 19%
CMY	0.9765, 0.4745, 0.8078
CMYK	0.96, 0.00, 0.63, 0.47
HSL	140°, 91%, 27%
HSV	140°, 96%, 53%
XYZ	9.1546, 17.3107, 5.7645
YIQ	86.0380, -49.0030, -53.5710

Conversions

Conversions Part 2

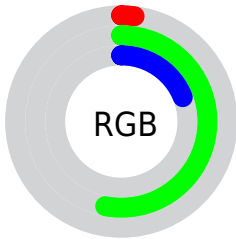
Format	Color
RYB	6, 102, 134
Decimal	427569
CIELab	48.65, -49.47, 36.37
CIELCh	49, 61.395, 143.678
Yxy	17.3107, 0.2840, 0.5371
Android (android.graphics.Color)	4278617649 (0xFF068631)
YUV	86.0380, -18.2597, -70.1933
Hunter-Lab	41.6061, -33.5353, 20.9096

Details

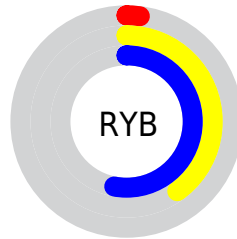
The Hex color **068631** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **86065B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **53BC62**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **00862D**, and if you desaturate by 10%, it is **13863A**.

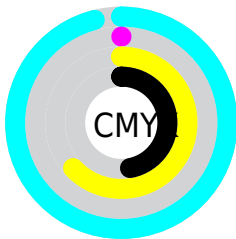
Distribution



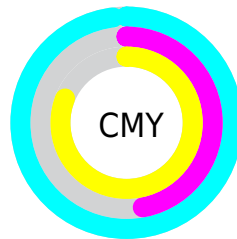
- Red (2%)
- Green (53%)
- Blue (19%)



- Red (2%)
- Yellow (40%)
- Blue (53%)



- Cyan (96%)
- Magenta (0%)
- Yellow (63%)
- Black (47%)



- Cyan (98%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068631 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 068631 by changing the saturation by 10% instead.

 068631

 068631

FFFFFF

 006C18

 53BC62

 005300

 70D97C

 003A00

 8DF597

 002400

 A9FFB2

 000000

 C6FFCE

 E4FFEA

 068631

 068631

 00862D

 13863A

 218643


 2E864C

 3C8655

 49865D

 568666

 64866F

 718678

 7F8681

Harmonies

Analogous

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



647D00



068631



008A66

Triad

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



068631



007DDB



CE404D

Complementary

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



068631



86065B

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.



CA3C81



068631



5A6BD3

Square

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



068631



0087C7



A751B2



BA571D

Rectangle

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



068631



008B8B



A751B2



CF3C5E

Sweetspot

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



068631



7BAD8C



5B8606



385743



D6D6D6



575757

Same Dimension

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



068631



00AD3A



068671



3C423E



00822C



000301

Inverse Universe

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



86065B



AD0073



86061B



423C40



820056



030002

Previews

White Background



This preview shows how the Hex color 068631 looks on a white background.

Color Contrast Check

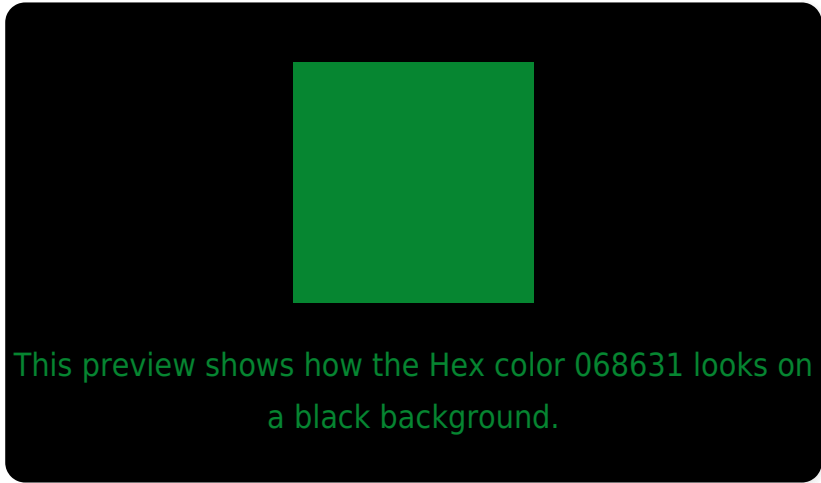
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 068631 Background



This preview shows how black text looks on a background with the Hex color 068631.




This preview shows how white text looks on a background with the Hex color 068631.

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





Tritanopia
367D88

Trichromacy



Original Color
068631



Protanomaly
547A2E



Deuteranomaly
5D7635



Tritanomaly
258068

Monochromacy



Original Color
068631



Achromatopsia
565656



Achromatomaly
396749

CSS Examples

Text

The CSS property to change the color of the text to Hex 068631 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 #068631 looks like.

```
.text, #text, p{  
    color:#068631  
}
```

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 #068631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068631
}
```

Border

The CSS property to change the border of an element to Hex 068631 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
#068631 }
```

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

```
.border{ border-color:#068631 }
```

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

Here you see how a box with a 4 pixel #068631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068631; -webkit-box-shadow:4px 4px  
4px 4px #068631; box-shadow:4px 4px 4px  
4px #068631 }
```

Background

The CSS property to change the background color of an element to Hex 068631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068631 }
```

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

```
.background{ background-color:#068631 }
```

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