

Converting Colors

Hex(068100)

Have a look what the booklet for
Hex(068100) contains.

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Color

Hex(068100)

Conversions

Conversions Part 1

Format	Color
Hex	068100
RGB	6, 129, 0
RGB Percent	2%, 51%, 0%
CMY	0.9765, 0.4941, 1.0000
CMYK	0.95, 0.00, 1.00, 0.49
HSL	117°, 100%, 25%
HSV	117°, 100%, 51%
XYZ	7.9254, 15.7392, 2.6203
YIQ	77.5170, -31.8990, -66.1950

Conversions

Conversions Part 2

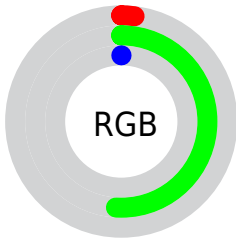
Format	Color
RYB	0, 129, 123
Decimal	426240
CIELab	46.63, -51.52, 50.24
CIELCh	47, 71.962, 135.720
Yxy	15.7392, 0.3015, 0.5988
Android (android.graphics.Color)	4278616320 (0xFF068100)
YUV	77.5170, -38.2159, -62.7204
Hunter-Lab	39.6727, -33.7685, 23.8550

Details

The Hex color **068100** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7B0081**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **54B740**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **068100**, and if you desaturate by 10%, it is **12810D**.

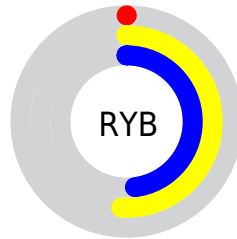
Distribution



Red (2%)

Green (51%)

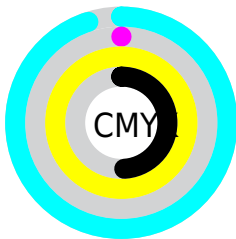
Blue (0%)



Red (0%)

Yellow (51%)

Blue (48%)

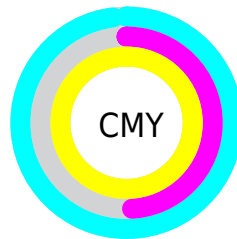


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (98%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068100 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 068100 by changing the saturation by 10% instead.

 068100

 068100

FFFFFF

 006700

 54B740

 004E00

 71D35A

 003600

 8EF075

 001F00

 AAF90

 000000

 C8FFAB

 E5FFC7

 FFFFE4

 068100

 12810D

 1F811A

 2B8127

 378134

 448141

 50814D

 5C815A

 688167

 758174

Harmonies

Analogous

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



697600



068100



00864E

Triad

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



068100



007EE5



D61C52

Complementary

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



068100



7B0081

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.



CA248E



068100



006BE4

Square

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



068100



0086C5



974CC4



C44215

Rectangle

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



068100



008879



974CC4



D61566

Sweetspot

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



068100



78A876



817B00



375436



D4D4D4



545454

Same Dimension

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



068100



08A800



00813A



3A4039



068000



000000

Inverse Universe

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



7B0081



A000A8



810047



3F3940



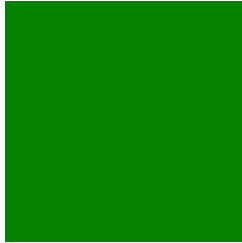
7A0080



000000

Previews

White Background



This preview shows how the Hex color 068100 looks on a white background.

Color Contrast Check

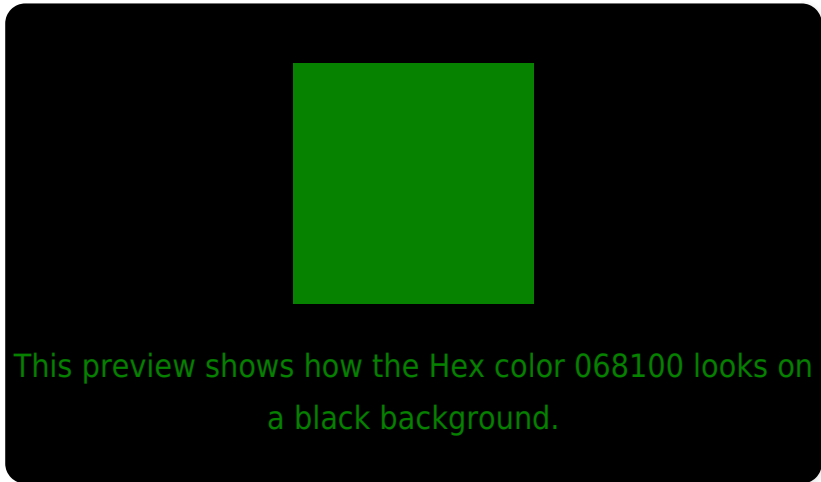
Large Text (above 18pt) WCAG AA ✓ Pass

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 068100 Background



This preview shows how black text looks on a background with the Hex color 068100.



This preview shows how white text looks on a background with the Hex color 068100.

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

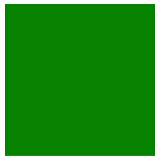


Original Color
068100

Protanopia
7C6E00

Deuteranopia
8A691C

Trichromacy



Original Color
068100



Protanomaly
517500



Deuteranomaly
5A7212



Tritanomaly
257B53

Monochromacy



Original Color
068100



Achromatopsia
4E4E4E



Achromatomaly
346132

CSS Examples

Text

The CSS property to change the color of the text to Hex 068100 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 #068100 looks like.

```
.text, #text, p{  
    color:#068100  
}
```

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 #068100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068100
}
```

Border

The CSS property to change the border of an element to Hex 068100 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".

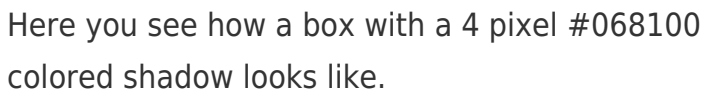
```
.border, #border, table{ border:4px solid
#068100 }
```

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

```
.border{ border-color:#068100 }
```

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

Here you see how a box with a 4 pixel #068100 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, and 4px spread, colored #068100.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068100; -webkit-box-shadow:4px 4px  
4px 4px #068100; box-shadow:4px 4px 4px  
4px #068100 }
```

Background

The CSS property to change the background color of an element to Hex 068100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068100 }
```

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

```
.background{ background-color:#068100 }
```

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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