

Converting Colors

Hex(068842)

Have a look what the booklet for
Hex(068842) contains.

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Color

Hex(068842)

Conversions

Conversions Part 1

Format	Color
Hex	068842
RGB	6, 136, 66
RGB Percent	2%, 53%, 26%
CMY	0.9765, 0.4667, 0.7412
CMYK	0.96, 0.00, 0.51, 0.47
HSL	148°, 92%, 28%
HSV	148°, 96%, 53%
XYZ	9.8626, 18.0404, 8.1166
YIQ	89.1500, -55.0100, -49.3300

Conversions

Conversions Part 2

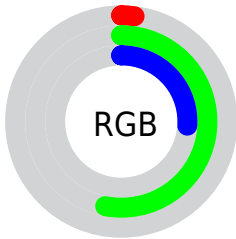
Format	Color
RYB	6, 95, 136
Decimal	428098
CIELab	49.55, -47.56, 28.84
CIElCh	50, 55.624, 148.773
Yxy	18.0404, 0.2738, 0.5008
Android (android.graphics.Color)	4278618178 (0xFF068842)
YUV	89.1500, -11.4129, -72.9225
Hunter-Lab	42.4740, -32.8810, 18.4017

Details

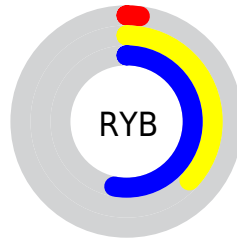
The Hex color **068842** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **88064C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53BE73**, and **005513** is the 20% darker color. If you saturate the color by 10%, you get **00883F**, and if you desaturate by 10%, it is **148849**.

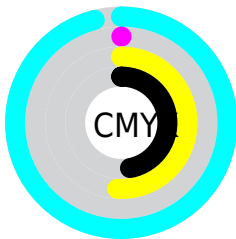
Distribution



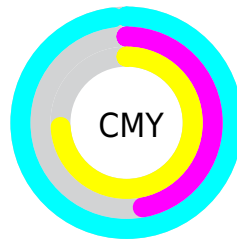
- Red (2%)
- Green (53%)
- Blue (26%)



- Red (2%)
- Yellow (37%)
- Blue (53%)



- Cyan (96%)
- Magenta (0%)
- Yellow (51%)
- Black (47%)



- Cyan (98%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 068842 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 068842 by changing the saturation by 10% instead.



068842



068842

FFFFFF



006E2B



53BE73



005513



70DB8D



003C00



8CF8A8



002700



A9FFC3



000000



C6FFE0



E4FFFC



068842



068842



00883F



148849

 218851

 2F8858

 3C885F

 4A8867

 58886E

 658875

 73887D

 808884

Harmonies

Analogous

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



608017



068842



008C72

Triad

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



068842



007CD5



C84D4B

Complementary

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



068842



88064C

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.



C7467A



068842



716AC9

Square

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



068842



0087C6



AD54A8



B26022

Rectangle

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



068842



008C93



AD54A8



CA495A

Sweetspot

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



068842



7DB094



4E8806



3A5948



D9D9D9



595959

Same Dimension

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



068842



00B051



068881



3E4541



00853D



000502

Inverse Universe

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



88064C



B0005F



88060C



453E42



850047



050003

Previews

White Background



This preview shows how the Hex color 068842 looks on a white background.

Color Contrast Check

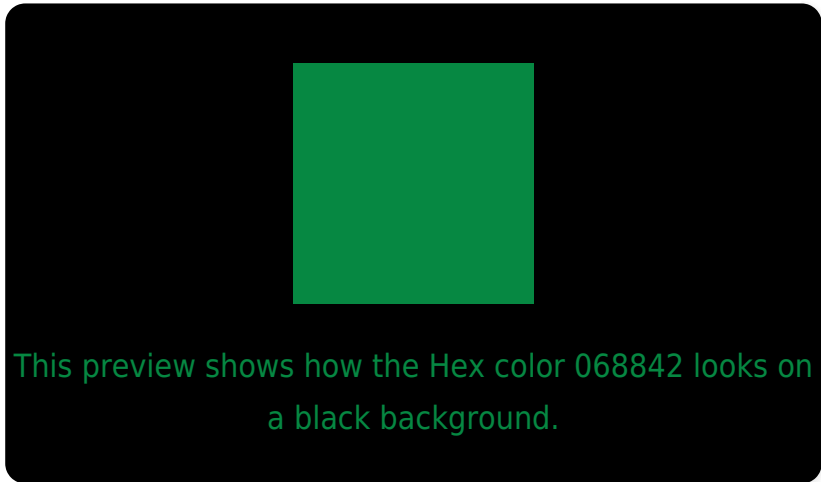
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 068842 Background



This preview shows how black text looks on a background with the Hex color 068842.



This preview shows how white text looks on a background with the Hex color 068842.

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
068842

Protanopia
81753C

Deuteranopia
8E7048



Tritanopia
35808B

Trichromacy



Original Color
068842



Protanomaly
547C3E



Deuteranomaly
5D7946



Tritanomaly
248370

Monochromacy



Original Color
068842



Achromatopsia
595959



Achromatomaly
3B6A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 068842 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 #068842 looks like.

```
.text, #text, p{  
    color:#068842  
}
```

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 #068842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068842
}
```

Border

The CSS property to change the border of an element to Hex 068842 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
#068842 }
```

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

```
.border{ border-color:#068842 }
```

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

Here you see how a box with a 4 pixel #068842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068842; -webkit-box-shadow:4px 4px  
4px 4px #068842; box-shadow:4px 4px 4px  
4px #068842 }
```

Background

The CSS property to change the background color of an element to Hex 068842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068842 }
```

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

```
.background{ background-color:#068842 }
```

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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