

Converting Colors

Hex(038947)

Have a look what the booklet for
Hex(038947) contains.

Hex(038947)	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(038947)

Conversions

Conversions Part 1

Format	Color
Hex	038947
RGB	3, 137, 71
RGB Percent	1%, 54%, 28%
CMY	0.9882, 0.4627, 0.7216
CMYK	0.98, 0.00, 0.48, 0.46
HSL	150°, 96%, 27%
HSV	150°, 98%, 54%
XYZ	10.1205, 18.3656, 8.9727
YIQ	89.4100, -58.6780, -48.9340

Conversions

Conversions Part 2

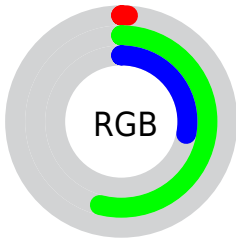
Format	Color
RYB	3, 92, 137
Decimal	231751
CIELab	49.94, -47.22, 26.65
CIELCh	50, 54.223, 150.561
Yxy	18.3656, 0.2702, 0.4903
Android (android.graphics.Color)	4278421831 (0xFF038947)
YUV	89.4100, -9.0761, -75.7816
Hunter-Lab	42.8551, -32.8424, 17.5848

Details

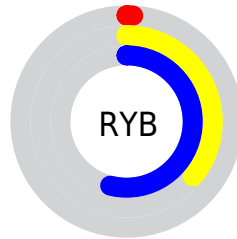
The Hex color **038947** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **890345**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **52C078**, and **005619** is the 20% darker color. If you saturate the color by 10%, you get **008946**, and if you desaturate by 10%, it is **11894E**.

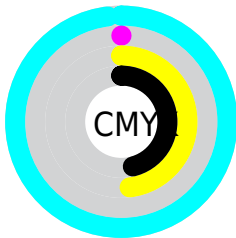
Distribution



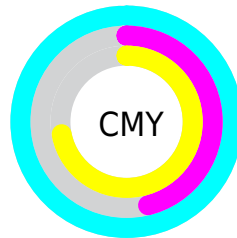
- Red (1%)
- Green (54%)
- Blue (28%)



- Red (1%)
- Yellow (36%)
- Blue (54%)



- Cyan (98%)
- Magenta (0%)
- Yellow (48%)
- Black (46%)



- Cyan (99%)
- Magenta (46%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038947 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 038947 by changing the saturation by 10% instead.

 038947

 038947

FFFFFF

 006F30

 52C078

 005619

 6FDC93

 003D01

 8CF9AD

 002800


 A9FFC9

 000000

 C6FFE5

 E3FFFF

 038947

 038947

 008946

 11894E

 1E8954

 2C895B

 3A8962

 478969

 55896F

 638976

 71897D

 7E8984

Harmonies

Analogous

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



5F821E



038947



008C76

Triad

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



038947



007CD3



C6504B

Complementary

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



038947



890345

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.



C84978



038947



776AC7

Square

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



038947



0087C7



AF55A5



B16324

Rectangle

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



038947



008C96



AF55A5



C94C59

Sweetspot

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



038947



7FB399



468903



3A594A



D9D9D9



595959

Same Dimension

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



038947



00B35B



038989



3E4541



008543



000503

Inverse Universe

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



890345



B30058



890303



453E41



850041



050003

Previews

White Background



This preview shows how the Hex color 038947 looks on a white background.

Color Contrast Check

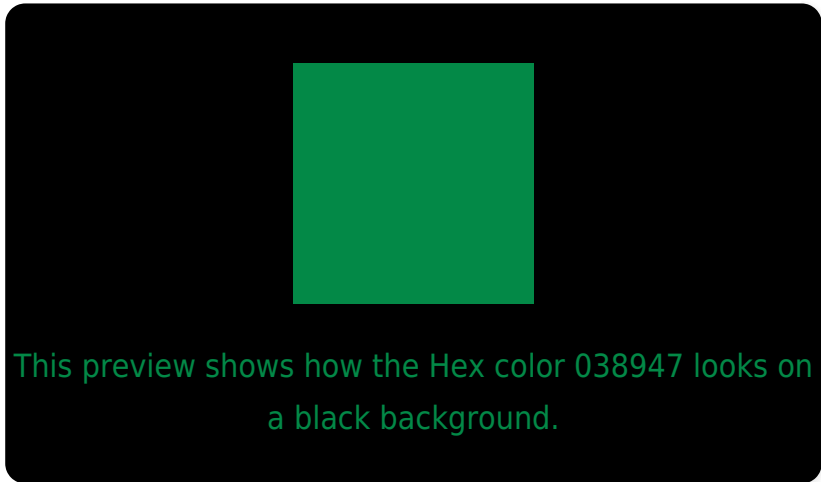
Large Text (above 18pt) WCAG AA ✓ Pass

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

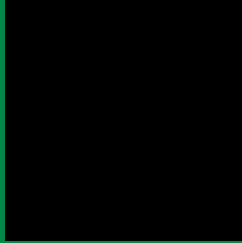
Any Text WCAG AA ✓ Pass

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 038947 Background



This preview shows how black text looks on a background with the Hex color 038947.

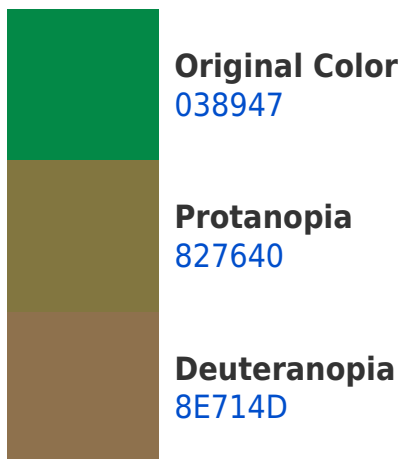



This preview shows how white text looks on a background with the Hex color 038947.

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
34818C

Trichromacy



Original Color
038947



Protanomaly
547D43



Deuteranomaly
5B7A4B



Tritanomaly
228473

Monochromacy



Original Color
038947



Achromatopsia
595959



Achromatomaly
3A6A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 038947 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 #038947 looks like.

```
.text, #text, p{  
    color:#038947  
}
```

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 #038947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038947
}
```

Border

The CSS property to change the border of an element to Hex 038947 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
#038947 }
```

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

```
.border{ border-color:#038947 }
```

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

Here you see how a box with a 4 pixel #038947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038947; -webkit-box-shadow:4px 4px  
4px 4px #038947; box-shadow:4px 4px 4px  
4px #038947 }
```

Background

The CSS property to change the background color of an element to Hex 038947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038947 }
```

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

```
.background{ background-color:#038947 }
```

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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