

Converting Colors

Hex(039858)

Have a look what the booklet for
Hex(039858) contains.

Hex(039858)	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(039858)

Conversions

Conversions Part 1

Format	Color
Hex	039858
RGB	3, 152, 88
RGB Percent	1%, 60%, 35%
CMY	0.9882, 0.4039, 0.6549
CMYK	0.98, 0.00, 0.42, 0.40
HSL	154°, 96%, 30%
HSV	154°, 98%, 60%
XYZ	13.0272, 23.1804, 13.0202
YIQ	100.1530, -68.2600, -51.4920

Conversions

Conversions Part 2

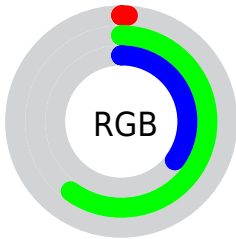
Format	Color
RYB	3, 98, 152
Decimal	235608
CIELab	55.26, -49.35, 24.32
CIELCh	55, 55.019, 153.761
Yxy	23.1804, 0.2646, 0.4709
Android (android.graphics.Color)	4278425688 (0xFF039858)
YUV	100.1530, -5.9914, -85.2032
Hunter-Lab	48.1460, -35.9575, 17.6684

Details

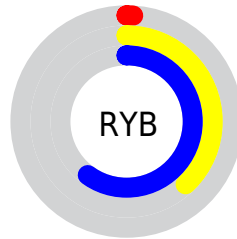
The Hex color **039858** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **980343**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **57CF8B**, and **006429** is the 20% darker color. If you saturate the color by 10%, you get **009857**, and if you desaturate by 10%, it is **12985F**.

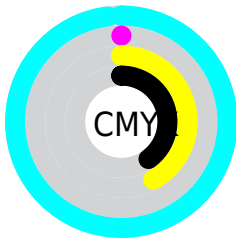
Distribution



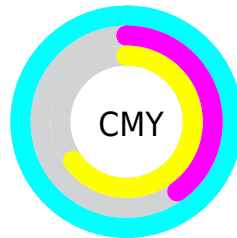
- Red (1%)
- Green (60%)
- Blue (35%)



- Red (1%)
- Yellow (38%)
- Blue (60%)



- Cyan (98%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 039858 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 039858 by changing the saturation by 10% instead.

 039858

 039858

FFFFFF

 007D40

 57CF8B

 006429

 75ECA5

 004A13

 92FFC0

 003300

 AFFFDC

 001B00

 CDFFF9

 000000


 EAFFFF


 039858

 039858

 009857

 12985F

 219865

 31986C

 409872

 4F9879

 5E987F

 6D9886

 7D988C

 8C9893

Harmonies

Analogous

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



66912E



039858



009B89

Triad

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



039858



0688E4



D65F52

Complementary

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



039858



980343

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.



DA5780



039858



8D75D4

Square

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



039858



0094D9



C361AF



BE722C

Rectangle

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



039858



009BA9



C361AF



DA5B61

Sweetspot

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



039858



8BC4AC



449803



416354



E3E3E3



636363

Same Dimension

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



039858



00C470



038E98



454D49



008C50



000D07

Inverse Universe

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



980343



C40054



980D03



4D4548



8C003C



0D0005

Previews

White Background



This preview shows how the Hex color 039858 looks on a white background.

Color Contrast Check

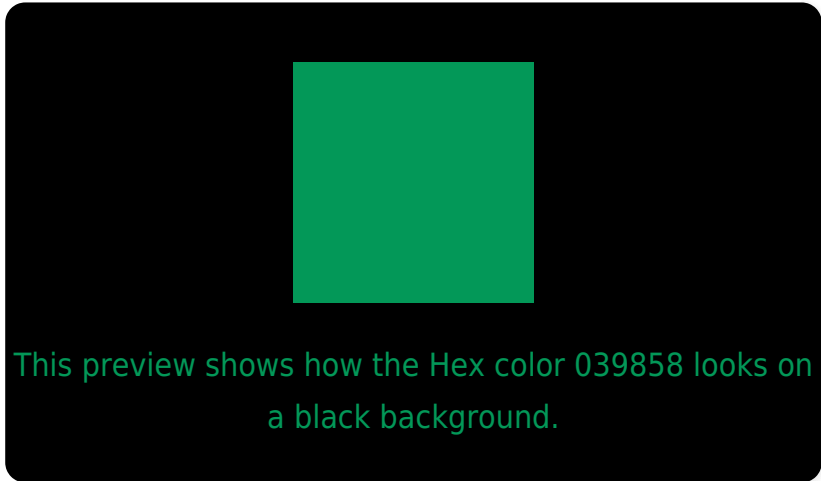
Large Text (above 18pt) WCAG AA ✓ Pass

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 039858 Background



This preview shows how black text looks on a background with the Hex color 039858.



This preview shows how white text looks on a background with the Hex color 039858.

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](#).

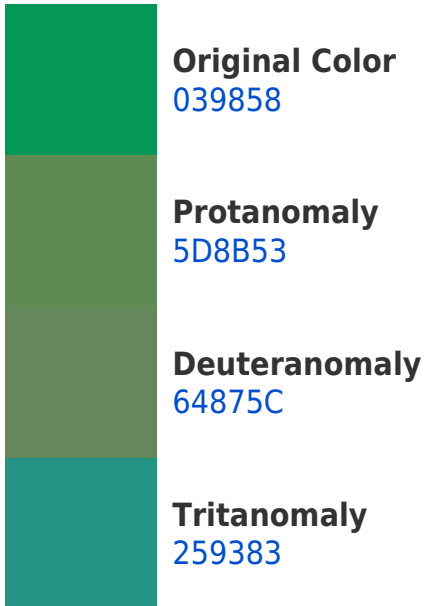
Dichromacy



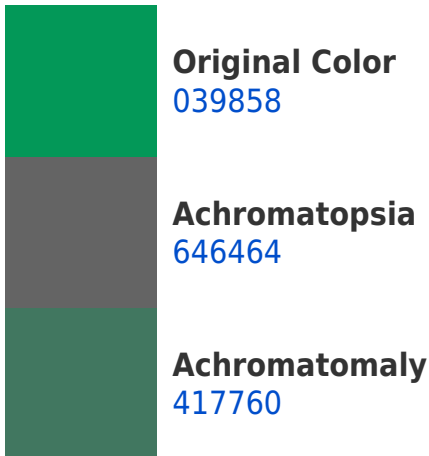


Tritanopia
38909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 039858 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 #039858 looks like.

```
.text, #text, p{  
    color:#039858  
}
```

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 #039858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #039858
}
```

Border

The CSS property to change the border of an element to Hex 039858 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
#039858 }
```

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

```
.border{ border-color:#039858 }
```

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

Here you see how a box with a 4 pixel #039858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #039858; -webkit-box-shadow:4px 4px  
4px 4px #039858; box-shadow:4px 4px 4px  
4px #039858 }
```

Background

The CSS property to change the background color of an element to Hex 039858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#039858 }
```

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

```
.background{ background-color:#039858 }
```

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