

# Converting Colors

Hex(098539)

Have a look what the booklet for  
Hex(098539) contains.

<b>Hex(098539)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(098539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	098539
RGB	9, 133, 57
RGB Percent	4%, 52%, 22%
CMY	0.9647, 0.4784, 0.7765
CMYK	0.93, 0.00, 0.57, 0.48
HSL	143°, 87%, 28%
HSV	143°, 93%, 52%
XYZ	9.2387, 17.1285, 6.6901
YIQ	87.2600, -49.5080, -49.9240

# Conversions

## Conversions Part 2

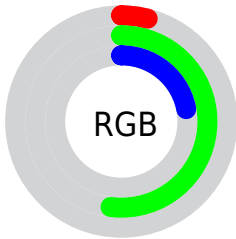
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 98, 133
Decimal	623929
CIELab	48.42, -47.79, 32.15
CIELCh	48, 57.595, 146.066
Yxy	17.1285, 0.2795, 0.5181
Android (android.graphics.Color)	4278814009 (0xFF098539)
YUV	87.2600, -14.9182, -68.6340
Hunter-Lab	41.3866, -32.5802, 19.3865

# Details

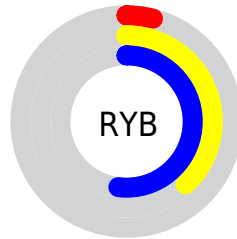
The Hex color **098539** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **850955**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53BB6A**, and **005208** is the 20% darker color. If you saturate the color by 10%, you get **008533**, and if you desaturate by 10%, it is **168541**.

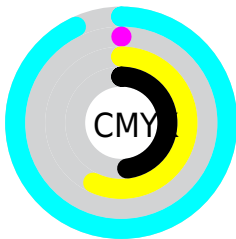
# Distribution



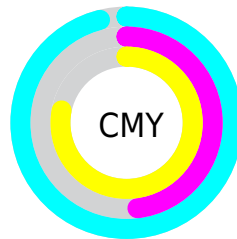
- Red (4%)
- Green (52%)
- Blue (22%)



- Red (4%)
- Yellow (38%)
- Blue (52%)



- Cyan (93%)
- Magenta (0%)
- Yellow (57%)
- Black (48%)



- Cyan (96%)
- Magenta (48%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 098539 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 098539 by changing the saturation by 10% instead.



 098539

 098539

FFFFFF

 006B21

 53BB6A

 005208

 70D784

 003900

 8CF49E

 002400

 A9FFBA

 000000

 C6FFD6

 E3FFF2

 098539

 098539

 008533

 168541

 248549

 318551

 3E855A

 4C8562

 59856A

 668572

 73857A

 818582

# Harmonies

## Analogous

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



617D06



098539



00896B

# Triad

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



098539



007BD5



C8464B

# Complementary

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



098539



850955

# 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.



C5417C



098539



6569CB

# Square

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



098539



0085C3



A752AA



B35B20

# Rectangle

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



098539



00898D



A752AA



CA425B



# Sweetspot

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



098539



7DAD90



558509



395745



D6D6D6



575757



# Same Dimension

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



098539



00AD43



098577



3C423E



008232



000301



# Inverse Universe

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



850955



AD006A



850917



423C40



820050



030002



# Previews

## White Background



This preview shows how the Hex color 098539 looks on a white background.

## Color Contrast Check

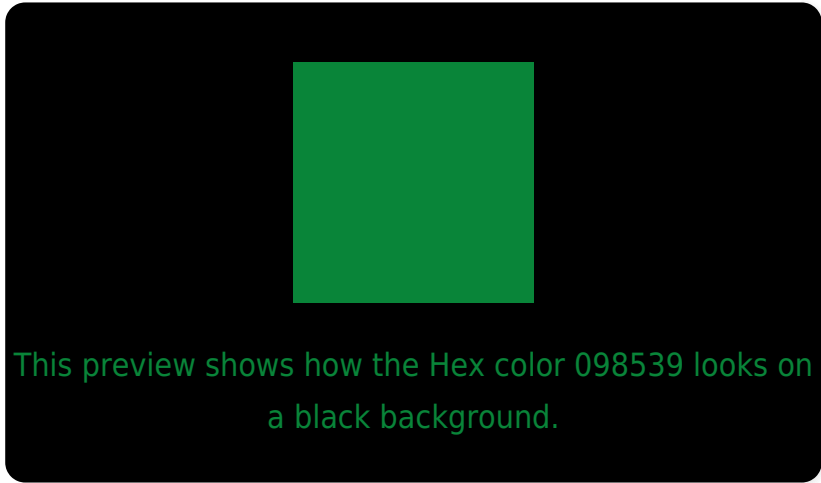
Large Text (above 18pt) WCAG AA ✓ Pass

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

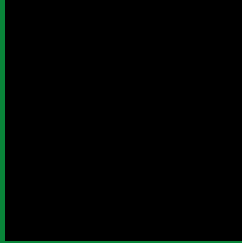
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 098539 Background



This preview shows how black text looks on a background with the Hex color 098539.



This preview shows how white text looks on a background with the Hex color 098539.

# 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**  
098539

**Protanopia**  
7F7333

**Deuteranopia**  
8C6D40



**Tritanopia**  
357D87

# Trichromacy



**Original Color**  
098539



**Protanomaly**  
547A35



**Deuteranomaly**  
5C763D



**Tritanomaly**  
25806B

# Monochromacy



**Original Color**  
098539



**Achromatopsia**  
575757



**Achromatomaly**  
3B684C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 098539 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 #098539 looks like.

```
.text, #text, p{  
    color:#098539  
}
```

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 #098539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098539
}
```

## Border

The CSS property to change the border of an element to Hex 098539 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".

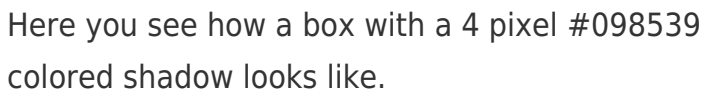
```
.border, #border, table{ border:4px solid
#098539 }
```

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

```
.border{ border-color:#098539 }
```

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

Here you see how a box with a 4 pixel #098539 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098539; -webkit-box-shadow:4px 4px  
4px 4px #098539; box-shadow:4px 4px 4px  
4px #098539 }
```

# Background

The CSS property to change the background color of an element to Hex 098539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098539 }
```

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

```
.background{ background-color:#098539 }
```

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