

# Converting Colors

Hex(098921)

Have a look what the booklet for  
Hex(098921) contains.

<b>Hex(098921)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(098921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	098921
RGB	9, 137, 33
RGB Percent	4%, 54%, 13%
CMY	0.9647, 0.4627, 0.8706
CMYK	0.93, 0.00, 0.76, 0.46
HSL	131°, 88%, 29%
HSV	131°, 93%, 54%
XYZ	9.3328, 18.0592, 4.4327
YIQ	86.8720, -42.9040, -59.4800

# Conversions

## Conversions Part 2

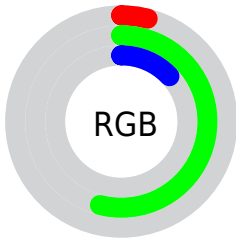
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 117, 137
Decimal	624929
CIE Lab	49.57, -51.95, 44.25
CIE LCh	50, 68.237, 139.578
Yxy	18.0592, 0.2933, 0.5675
Android (android.graphics.Color)	4278815009 (0xFF098921)
YUV	86.8720, -26.5589, -68.2937
Hunter-Lab	42.4961, -35.1667, 23.5628

# Details

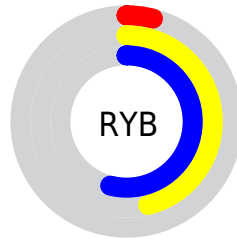
The Hex color **098921** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **890971**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **56C055**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **00891A**, and if you desaturate by 10%, it is **17892C**.

# Distribution



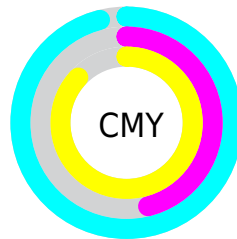
- Red (4%)
- Green (54%)
- Blue (13%)



- Red (4%)
- Yellow (46%)
- Blue (54%)



- Cyan (93%)
- Magenta (0%)
- Yellow (76%)
- Black (46%)



- Cyan (96%)
- Magenta (46%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 098921 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 098921 by changing the saturation by 10% instead.



 098921

 098921

FFFFFF

 006F00

 56C055

 005500

 73DC6F

 003D00

 90F989

 002700

 ADFFA4

 000000

 CAFFC0

 E7FFDC

 FFFFF9

 098921

 098921

■ 00891A

■ 17892C

■ 248937

■ 328942

■ 40894E

■ 4E8959

■ 5B8964

■ 69896F

■ 77897A

■ 848985

# Harmonies

## Analogous

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



6B7E00



098921



008E5F

# Triad

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



098921



0083E9



DA3553

# Complementary

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



098921



890971

# 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.



D2348D



098921



3D6FE4

# Square

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



098921



008DCE



A652C2



C6511B

# Rectangle

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



098921



008F88



A652C2



DB3066



# Sweetspot

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



098921



81B38A



728909



3B5941



D9D9D9



595959



# Same Dimension

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



098921



00B321



098960



3E453F



008519



000501



# Inverse Universe

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



890971



B30091



890932



453E44



85006C

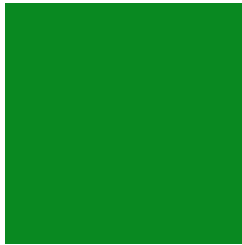


050004



# Previews

## White Background



This preview shows how the Hex color 098921 looks on a white background.

## Color Contrast Check

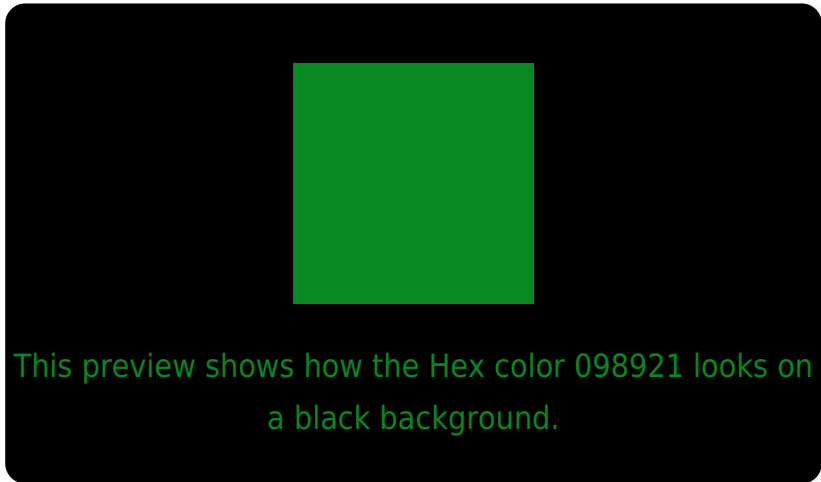
Large Text (above 18pt) WCAG AA ✓ Pass

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 098921 Background



This preview shows how black text looks on a background with the Hex color 098921.



This preview shows how white text looks on a background with the Hex color 098921.

# 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**  
098921

**Protanopia**  
84761C

**Deuteranopia**  
926F2C



**Tritanopia**  
39808A

# Trichromacy



**Original Color**  
098921



**Protanomaly**  
577D1E



**Deuteranomaly**  
607828

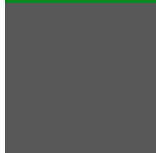


**Tritanomaly**  
288364

# Monochromacy



**Original Color**  
098921



**Achromatopsia**  
575757



**Achromatomaly**  
3B6943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 098921 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 #098921 looks like.

```
.text, #text, p{  
    color:#098921  
}
```

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 #098921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098921
}
```

## Border

The CSS property to change the border of an element to Hex 098921 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".

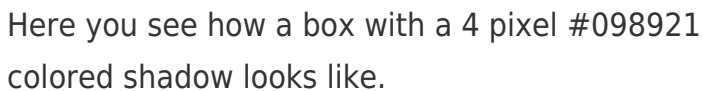
```
.border, #border, table{ border:4px solid
#098921 }
```

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

```
.border{ border-color:#098921 }
```

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

Here you see how a box with a 4 pixel #098921 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098921; -webkit-box-shadow:4px 4px  
4px 4px #098921; box-shadow:4px 4px 4px  
4px #098921 }
```

# Background

The CSS property to change the background color of an element to Hex 098921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098921 }
```

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

```
.background{ background-color:#098921 }
```

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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