

# Converting Colors

Hex(098514)

Have a look what the booklet for  
Hex(098514) contains.

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**Color**

**Hex(098514)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	098514
RGB	9, 133, 20
RGB Percent	4%, 52%, 8%
CMY	0.9647, 0.4784, 0.9216
CMYK	0.93, 0.00, 0.85, 0.48
HSL	125°, 87%, 28%
HSV	125°, 93%, 52%
XYZ	8.6265, 16.8836, 3.4660
YIQ	83.0420, -37.6310, -61.4310

# Conversions

## Conversions Part 2

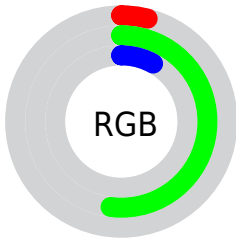
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 123, 133
Decimal	623892
CIE Lab	48.11, -51.65, 47.15
CIE LCh	48, 69.938, 137.605
Yxy	16.8836, 0.2977, 0.5827
Android (android.graphics.Color)	4278813972 (0xFF098514)
YUV	83.0420, -31.0797, -64.9348
Hunter-Lab	41.0897, -34.4324, 23.7615

# Details

The Hex color **098514** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **85097A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **55BB4B**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **00850C**, and if you desaturate by 10%, it is **168520**.

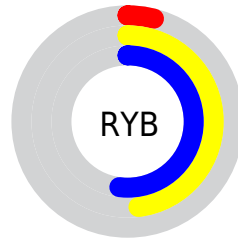
# Distribution



Red (4%)

Green (52%)

Blue (8%)



Red (4%)

Yellow (48%)

Blue (52%)

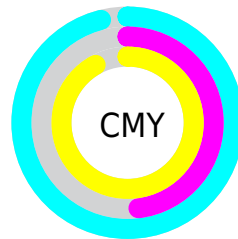


Cyan (93%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (96%)

Magenta (48%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 098514 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 098514 by changing the saturation by 10% instead.



 098514

 098514

FFFFFF

 006B00

 55BB4B

 005200

 72D865

 003900

 8FF47F

 002300

 ACFF9A

 000000

 C9FFB6

 E7FFD2

 FFFFEF

 098514

 098514

■ 00850C

■ 168520

■ 24852C

■ 318538

■ 3E8544

■ 4C8551

■ 59855D

■ 668569

■ 738575

■ 818581

# Harmonies

## Analogous

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



6A7A00



098514



008A57

# Triad

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



098514



0080E7



D82A52

# Complementary

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



098514



85097A

# 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.



CE2D8D



098514



1C6DE4

# Square

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



098514



0089C9



9E4FC3



C54A18

# Rectangle

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



098514



008C80



9E4FC3



D82566



# Sweetspot

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



098514



7DAD81



7B8509



39573C



D6D6D6



575757



# Same Dimension

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



098514



00AD0F



098551



3C423C



00820C



000300



# Inverse Universe

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



85097A



AD009E



85093D



423C42



820077

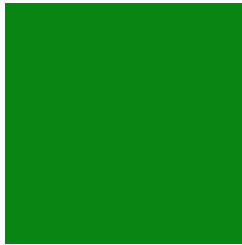


030002



# Previews

## White Background



This preview shows how the Hex color 098514 looks on a white background.

## Color Contrast Check

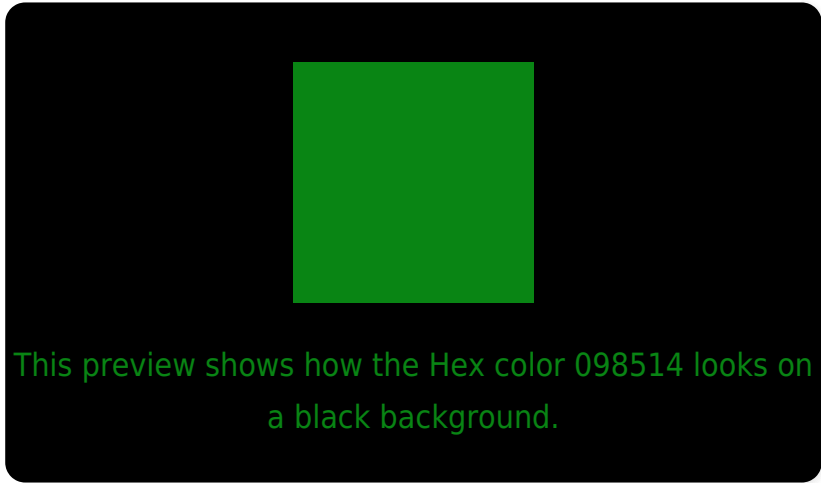
Large Text (above 18pt) WCAG AA ✓ Pass

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 098514 Background



This preview shows how black text looks on a background with the Hex color 098514.



This preview shows how white text looks on a background with the Hex color 098514.

# 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**  
098514

**Protanopia**  
80720E

**Deuteranopia**  
8F6C22



**Tritanopia**  
387C86

# Trichromacy



**Original Color**  
098514



**Protanomaly**  
557910



**Deuteranomaly**  
5E751D



**Tritanomaly**  
277F5D

# Monochromacy



**Original Color**  
098514



**Achromatopsia**  
535353



**Achromatomaly**  
38653C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 098514 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 #098514 looks like.

```
.text, #text, p{  
    color:#098514  
}
```

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 #098514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098514
}
```

## Border

The CSS property to change the border of an element to Hex 098514 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".

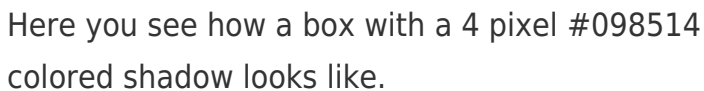
```
.border, #border, table{ border:4px solid
#098514 }
```

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

```
.border{ border-color:#098514 }
```

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

Here you see how a box with a 4 pixel #098514 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098514; -webkit-box-shadow:4px 4px  
4px 4px #098514; box-shadow:4px 4px 4px  
4px #098514 }
```

# Background

The CSS property to change the background color of an element to Hex 098514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098514 }
```

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

```
.background{ background-color:#098514 }
```

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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