

Converting Colors

Hex(098438)

Have a look what the booklet for
Hex(098438) contains.

Hex(098438)	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(098438)

Conversions

Conversions Part 1

Format	Color
Hex	098438
RGB	9, 132, 56
RGB Percent	4%, 52%, 22%
CMY	0.9647, 0.4824, 0.7804
CMYK	0.93, 0.00, 0.58, 0.48
HSL	143°, 87%, 28%
HSV	143°, 93%, 52%
XYZ	9.0777, 16.8461, 6.5146
YIQ	86.5590, -48.9120, -49.7120

Conversions

Conversions Part 2

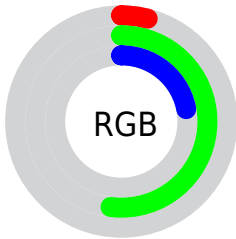
Format	Color
R_YB	9, 98, 132
Decimal	623672
CIE _{Lab}	48.07, -47.59, 32.23
CIE _{LCh}	48, 57.482, 145.891
Yxy	16.8461, 0.2798, 0.5193
Android (android.graphics.Color)	4278813752 (0xFF098438)
YUV	86.5590, -15.0656, -68.0192
Hunter-Lab	41.0440, -32.3481, 19.3202

Details

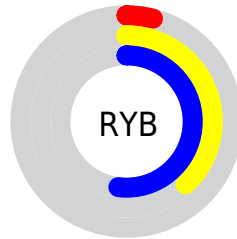
The Hex color **098438** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **840955**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53BA69**, and **005107** is the 20% darker color. If you saturate the color by 10%, you get **008432**, and if you desaturate by 10%, it is **168440**.

Distribution



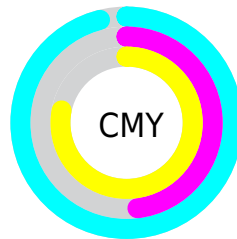
- Red (4%)
- Green (52%)
- Blue (22%)



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



- Cyan (93%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 098438 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 098438 by changing the saturation by 10% instead.

 098438

 098438

FFFFFF

 006A20

 53BA69

 005107

 70D683

 003900

 8CF39D

 002300

 A9FFB9

 000000

 C5FFD5

 E3FFF1

 098438

 098438

 008432

 168440

 238448

 318450

 3E8459

 4B8461

 588469

 658471

 738479

 808481

Harmonies

Analogous

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



607C05



098438



00886A

Triad

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



098438



007AD3



C6454B

Complementary

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



098438



840955

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.



C4407B



098438



6368CA

Square

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



098438



0084C2



A651A9



B25A1F

Rectangle

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



098438



00888B



A651A9



C8415A

Sweetspot

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



098438



7BAB8D



578409



395744



D6D6D6



575757

Same Dimension

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



098438



00AB41



098474



3C423E



008232



000301

Inverse Universe

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



840955



AB006A



840919



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 098438 looks on a white background.

Color Contrast Check

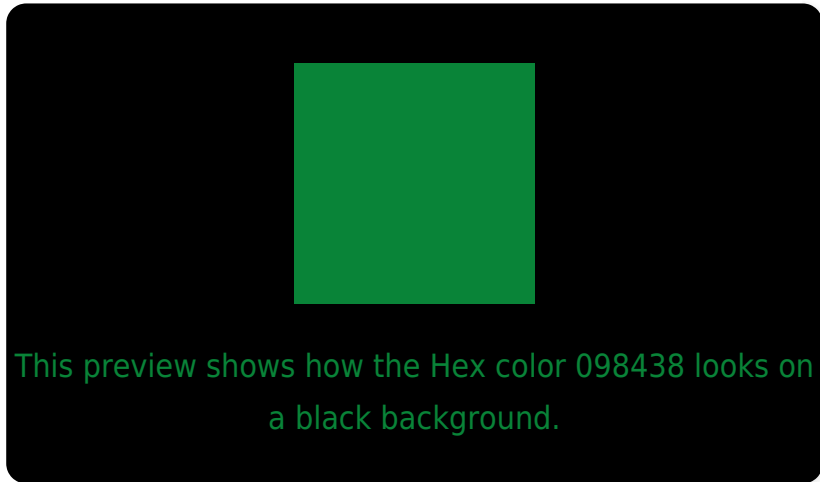
Large Text (above 18pt) WCAG AA ✓ Pass

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 098438 Background



This preview shows how black text looks on a background with the Hex color 098438.



This preview shows how white text looks on a background with the Hex color 098438.

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
098438

Protanopia
7E7232

Deuteranopia
8B6C3F



Tritanopia
357C86

Trichromacy



Original Color
098438



Protanomaly
537934



Deuteranomaly
5C753C



Tritanomaly
257F6A

Monochromacy



Original Color
098438



Achromatopsia
575757



Achromatomaly
3B674C

CSS Examples

Text

The CSS property to change the color of the text to Hex 098438 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 #098438 looks like.

```
.text, #text, p{  
    color:#098438  
}
```

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 #098438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #098438
}
```

Border

The CSS property to change the border of an element to Hex 098438 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
#098438 }
```

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

```
.border{ border-color:#098438 }
```

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

Here you see how a box with a 4 pixel #098438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #098438; -webkit-box-shadow:4px 4px  
4px 4px #098438; box-shadow:4px 4px 4px  
4px #098438 }
```

Background

The CSS property to change the background color of an element to Hex 098438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#098438 }
```

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

```
.background{ background-color:#098438 }
```

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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