

Converting Colors

Hex(38904C)

Have a look what the booklet for
Hex(38904C) contains.

Hex(38904C)	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(38904C)

Conversions

Conversions Part 1

Format	Color
Hex	38904C
RGB	56, 144, 76
RGB Percent	22%, 56%, 30%
CMY	0.7804, 0.4353, 0.7020
CMYK	0.61, 0.00, 0.47, 0.44
HSL	134°, 44%, 39%
HSV	134°, 61%, 56%
XYZ	12.9087, 21.3091, 10.2702
YIQ	109.9360, -30.6200, -39.8040

Conversions

Conversions Part 2

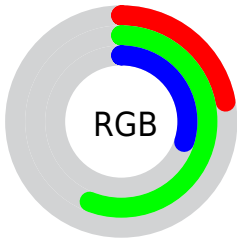
Format	Color
RYB	56, 128, 144
Decimal	3706956
CIELab	53.29, -41.64, 28.42
CIELCh	53, 50.410, 145.685
Yxy	21.3091, 0.2902, 0.4790
Android (android.graphics.Color)	4281897036 (0xFF38904C)
YUV	109.9360, -16.7304, -47.3019
Hunter-Lab	46.1618, -30.8674, 19.1222

Details

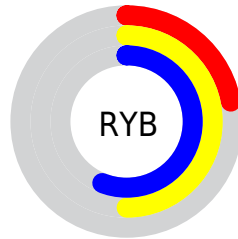
The Hex color **38904C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90387C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **70C77E**, and **005C1D** is the 20% darker color. If you saturate the color by 10%, you get **2A9041**, and if you desaturate by 10%, it is **469057**.

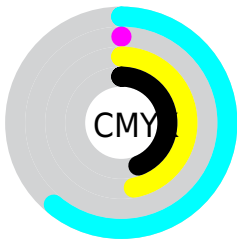
Distribution



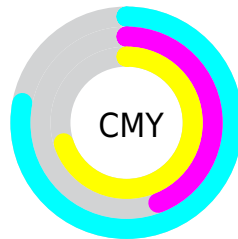
- Red (22%)
- Green (56%)
- Blue (30%)



- Red (22%)
- Yellow (50%)
- Blue (56%)



- Cyan (61%)
- Magenta (0%)
- Yellow (47%)
- Black (44%)



- Cyan (78%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38904C 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 38904C by changing the saturation by 10% instead.

 38904C

 38904C

FFFFFF

 177634

 70C77E

 005C1D

 8BE398

 004405

 A7FFB3

 002D00

 C4FFCF

 001400

 E1FFEB

 000000

FEFFFF

 38904C

 38904C

 2A9041

 469057

■ 1B9036

■ 559062

■ 0D902B

■ 63906D

■ 009021

■ 729079

■ 809084

■ 8E908F

■ 9D909A

■ AB90A5

■ BA90B0

Harmonies

Analogous

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



72882B



38904C



009477

Triad

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



38904C



0086D6



CD5B5C

Complementary

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



38904C



90387C

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.



CA5887



38904C



7576CE

Square

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



38904C



0090C6



AE64B1



BC6A38

Rectangle

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



38904C



009495



AE64B1



CF586A

Sweetspot

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



38904C



99BAA0



7D9038



4A5E4E



DEDEDE



5E5E5E

Same Dimension

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



38904C



32BA51



389077



404742



00871F



000802

Inverse Universe

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



90387C



BA329B



903851



474046



870068



080006

Previews

White Background



This preview shows how the Hex color 38904C looks on a white background.

Color Contrast Check

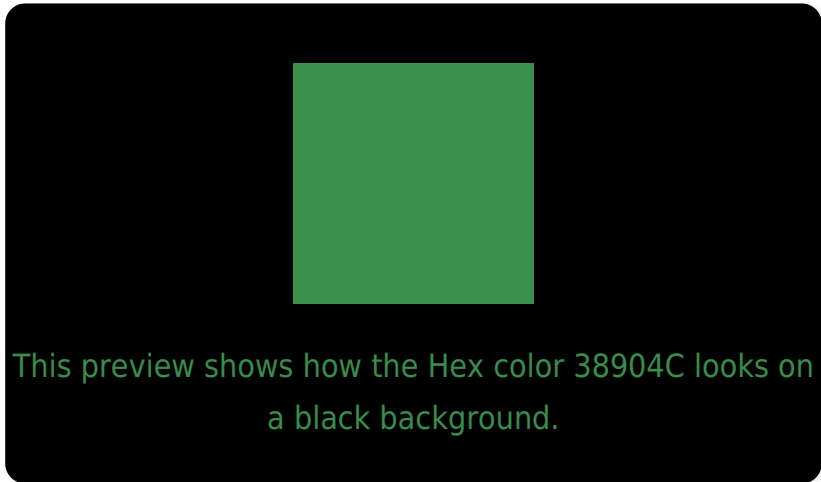
Large Text (above 18pt) WCAG AA ✓ Pass

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 38904C Background



This preview shows how black text looks on a background with the Hex color 38904C.



This preview shows how white text looks on a background with the Hex color 38904C.

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
4C8893

Trichromacy



Original Color
38904C

Protanomaly
6D8548

Deuteranomaly
758150

Tritanomaly
458B79

Monochromacy



Original Color
38904C

Achromatopsia
6E6E6E

Achromatomaly
5A7A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 38904C 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 #38904C looks like.

```
.text, #text, p{  
    color:#38904C  
}
```

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 #38904C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38904C
}
```

Border

The CSS property to change the border of an element to Hex 38904C 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
#38904C }
```

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

```
.border{ border-color:#38904C }
```

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

Here you see how a box with a 4 pixel #38904C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38904C; -webkit-box-shadow:4px 4px  
4px 4px #38904C; box-shadow:4px 4px 4px  
4px #38904C }
```

Background

The CSS property to change the background color of an element to Hex 38904C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38904C }
```

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

```
.background{ background-color:#38904C }
```

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