

# Converting Colors

Hex(398840)

Have a look what the booklet for  
Hex(398840) contains.

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# Color

**Hex(398840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	398840
RGB	57, 136, 64
RGB Percent	22%, 53%, 25%
CMY	0.7765, 0.4667, 0.7490
CMYK	0.58, 0.00, 0.53, 0.47
HSL	125°, 41%, 38%
HSV	125°, 58%, 53%
XYZ	11.4169, 18.8483, 7.8868
YIQ	104.1710, -23.9720, -39.1400

# Conversions

## Conversions Part 2

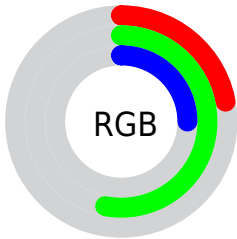
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 130, 136
Decimal	3770432
CIELab	50.51, -39.98, 31.30
CIELCh	51, 50.772, 141.939
Yxy	18.8483, 0.2992, 0.4940
Android (android.graphics.Color)	4281960512 (0xFF398840)
YUV	104.1710, -19.8043, -41.3690
Hunter-Lab	43.4147, -29.0349, 19.6195

# Details

The Hex color **398840** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **883981**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6FBE71**, and **005511** is the 20% darker color. If you saturate the color by 10%, you get **2B8834**, and if you desaturate by 10%, it is **47884C**.

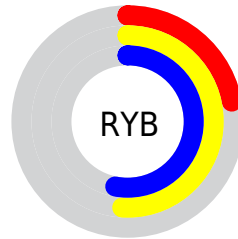
# Distribution



Red (22%)

Green (53%)

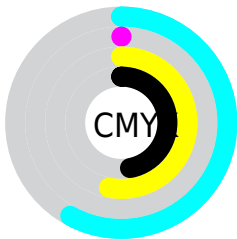
Blue (25%)



Red (22%)

Yellow (51%)

Blue (53%)

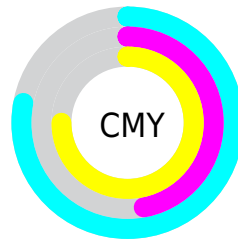


Cyan (58%)

Magenta (0%)

Yellow (53%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 398840 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 398840 by changing the saturation by 10% instead.



 398840

 398840

FFFFFF

 1A6E28

 6FBE71

 005511

 8BDA8B

 003D00

 A7F7A6

 002800

 C3FFC2

 000300

 E0FFDE

 000000

 F0FFFA

 398840

 398840

 2B8834

 47884C

 1E8827

 548859

 10881B

 628865

 03880E

 6F8872

 00880C

 7D887E

 8B888A

 988897

 A688A3

 B388B0

# Harmonies

## Analogous

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



707F1F



398840



008C6B

# Triad

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



398840



0081CE



C6525A

# Complementary

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



398840



883981

# 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.



C15186



398840



6472C9

# Square

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



398840



0089BC



A15FAE



B76135

# Rectangle

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



398840



008D89



A15FAE



C75069



# Sweetspot

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



398840



92B095



818839



475949



D9D9D9



595959



# Same Dimension

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



398840



35B040



398867



3E453F



00850C



000500



# Inverse Universe

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



883981



B035A5



88395A



453E44



850079



050005



# Previews

## White Background



This preview shows how the Hex color 398840 looks on a white background.

## Color Contrast Check

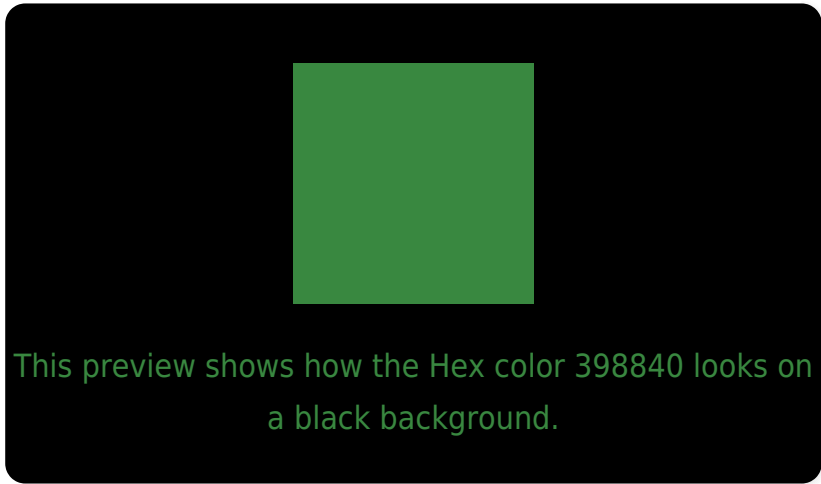
Large Text (above 18pt) WCAG AA ✓ Pass

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 398840 Background



This preview shows how black text looks on a background with the Hex color 398840.



This preview shows how white text looks on a background with the Hex color 398840.

# 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**  
4B808A

# Trichromacy



**Original Color**  
398840

**Protanomaly**  
697E3D

**Deuteranomaly**  
717A44

**Tritanomaly**  
44836F

# Monochromacy



**Original Color**  
398840

**Achromatopsia**  
686868

**Achromatomaly**  
577459

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 398840 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 #398840 looks like.

```
.text, #text, p{  
    color:#398840  
}
```

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 #398840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398840
}
```

## Border

The CSS property to change the border of an element to Hex 398840 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
#398840 }
```

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

```
.border{ border-color:#398840 }
```

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

Here you see how a box with a 4 pixel #398840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398840; -webkit-box-shadow:4px 4px  
4px 4px #398840; box-shadow:4px 4px 4px  
4px #398840 }
```

# Background

The CSS property to change the background color of an element to Hex 398840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398840 }
```

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

```
.background{ background-color:#398840 }
```

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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