

Converting Colors

Hex(398647)

Have a look what the booklet for
Hex(398647) contains.

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Color

Hex(398647)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 398647 |
| RGB | 57, 134, 71 |
| RGB Percent | 22%, 53%, 28% |
| CMY | 0.7765, 0.4745, 0.7216 |
| CMYK | 0.57, 0.00, 0.47, 0.47 |
| HSL | 131°, 40%, 37% |
| HSV | 131°, 57%, 53% |
| XYZ | 11.3498, 18.3750, 8.9098 |
| YIQ | 103.7950, -25.6690, -35.9170 |

Conversions

Conversions Part 2

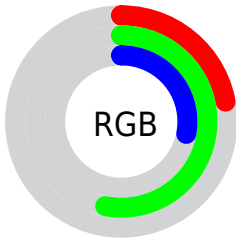
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 57, 122, 134 |
| Decimal | 3769927 |
| CIELab | 49.95, -38.04, 26.87 |
| CIELCh | 50, 46.575, 144.760 |
| Yxy | 18.3750, 0.2938, 0.4756 |
| Android (android.graphics.Color) | 4281960007 (0xFF398647) |
| YUV | 103.7950, -16.1679, -41.0392 |
| Hunter-Lab | 42.8661, -27.7536, 17.6827 |

Details

The Hex color **398647** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **863978**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6FBC78**, and **005319** is the 20% darker color. If you saturate the color by 10%, you get **2C863C**, and if you desaturate by 10%, it is **468652**.

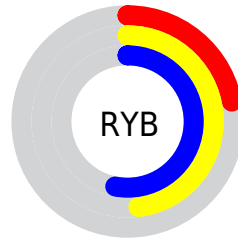
Distribution



Red (22%)

Green (53%)

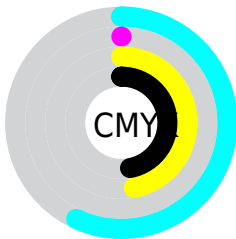
Blue (28%)



Red (22%)

Yellow (48%)

Blue (53%)

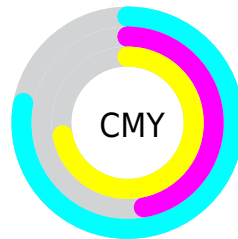


Cyan (57%)

Magenta (0%)

Yellow (47%)

Black (47%)



Cyan (78%)

Magenta (47%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 398647 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 398647 by changing the saturation by 10% instead.

 398647

 398647

FFFFFF

 1B6C30

 6FBC78

 005319

 8AD893

 003B01

 A6F5AD

 002700

 C2FFC9

 000000

 DFFFE5

 FCFFFF

 398647

 398647


 2C863C

 468652

 1E8631

 54865D

 118626

 618668

 03861B

 6F8673

 008618

 7C867E

 898689

 978694

 A4869F

 B286AA

Harmonies

Analogous

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



6C7E2A



398647



008A6E

Triad

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



398647



007DC6



BF5658

Complementary

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



398647



863978

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.



BB547F



398647



6C6FBF

Square

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



398647



0086B7



A15FA5



AF6337

Rectangle

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



398647



008A8A



A15FA5



C05465

Sweetspot

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



398647



90AD95



798639



455749



D6D6D6



575757

Same Dimension

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



398647



36AD4C



39866C



3C423D



008218



000300

Inverse Universe

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



863978



AD3698



863953



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 398647 looks on a white background.

Color Contrast Check

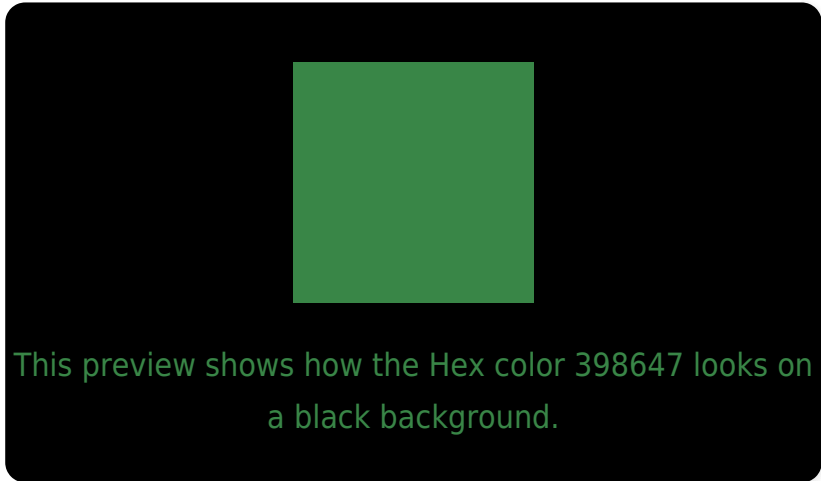
Large Text (above 18pt) WCAG AA ✓ Pass

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

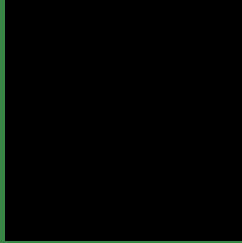
Any Text WCAG AA ✓ Pass

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 398647 Background



This preview shows how black text looks on a background with the Hex color 398647.



This preview shows how white text looks on a background with the Hex color 398647.

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
398647

Protanopia
827641

Deuteranopia
8E714C



Tritanopia
4A7F89

Trichromacy



Original Color
398647



Protanomaly
677C43



Deuteranomaly
6F794A



Tritanomaly
448271

Monochromacy



Original Color
398647



Achromatopsia
686868



Achromatomaly
57735C

CSS Examples

Text

The CSS property to change the color of the text to Hex 398647 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 #398647 looks like.

```
.text, #text, p{  
    color:#398647  
}
```

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 #398647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398647
}
```

Border

The CSS property to change the border of an element to Hex 398647 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
#398647 }
```

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

```
.border{ border-color:#398647 }
```

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

Here you see how a box with a 4 pixel #398647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398647; -webkit-box-shadow:4px 4px  
4px 4px #398647; box-shadow:4px 4px 4px  
4px #398647 }
```

Background

The CSS property to change the background color of an element to Hex 398647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398647 }
```

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

```
.background{ background-color:#398647 }
```

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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