

Converting Colors

Hex(398E3D)

Have a look what the booklet for
Hex(398E3D) contains.

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Color

Hex(398E3D)

Conversions

Conversions Part 1

Format	Color
Hex	398E3D
RGB	57, 142, 61
RGB Percent	22%, 56%, 24%
CMY	0.7765, 0.4431, 0.7608
CMYK	0.60, 0.00, 0.57, 0.44
HSL	123°, 43%, 39%
HSV	123°, 60%, 56%
XYZ	12.2026, 20.5528, 7.7388
YIQ	107.3510, -24.6590, -43.2110

Conversions

Conversions Part 2

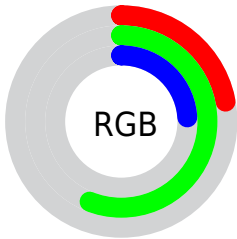
Format	Color
RYB	57, 138, 142
Decimal	3771965
CIELab	52.46, -42.83, 35.18
CIElCh	52, 55.431, 140.601
Yxy	20.5528, 0.3013, 0.5075
Android (android.graphics.Color)	4281962045 (0xFF398E3D)
YUV	107.3510, -22.8510, -44.1578
Hunter-Lab	45.3352, -31.2906, 21.6137

Details

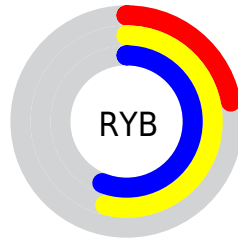
The Hex color **398E3D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E398A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **71C56F**, and **005B0B** is the 20% darker color. If you saturate the color by 10%, you get **2B8E2F**, and if you desaturate by 10%, it is **478E4B**.

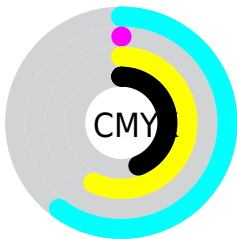
Distribution



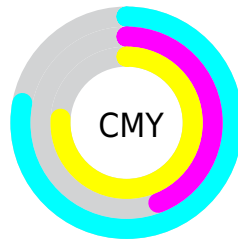
- Red (22%)
- Green (56%)
- Blue (24%)



- Red (22%)
- Yellow (54%)
- Blue (56%)



- Cyan (60%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (78%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 398E3D 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 398E3D by changing the saturation by 10% instead.



398E3D



398E3D

FFFFFF



197425



71C56F



005B0B



8CE189



004200



A8FEA4



002C00



C5FFBF



001000



E2FFDB



000000



FFFFFF8



398E3D



398E3D



2B8E2F



478E4B

 1D8E22

 558E58

 0E8E14

 648E66

 008E07

 728E73

 808E81

 8E8E8E

 9C8E9C

 AB8EA9

 B98EB7

Harmonies

Analogous

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



768517



398E3D



00936C

Triad

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



398E3D



0087DB



D3515F

Complementary

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



398E3D



8E398A

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.



CB518E



398E3D



6077D7

Square

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



398E3D



0090C6



A862BA



C36234

Rectangle

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



398E3D



00948D



A862BA



D34F6E

Sweetspot

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



398E3D



97B898



8B8E39



485C49



DBDBDB



5C5C5C

Same Dimension

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



398E3D



33B83A



398E66



404741



008706



000800

Inverse Universe

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



8E398A



B833B1



8E3961



474047



870081



080007

Previews

White Background



This preview shows how the Hex color 398E3D looks on a white background.

Color Contrast Check

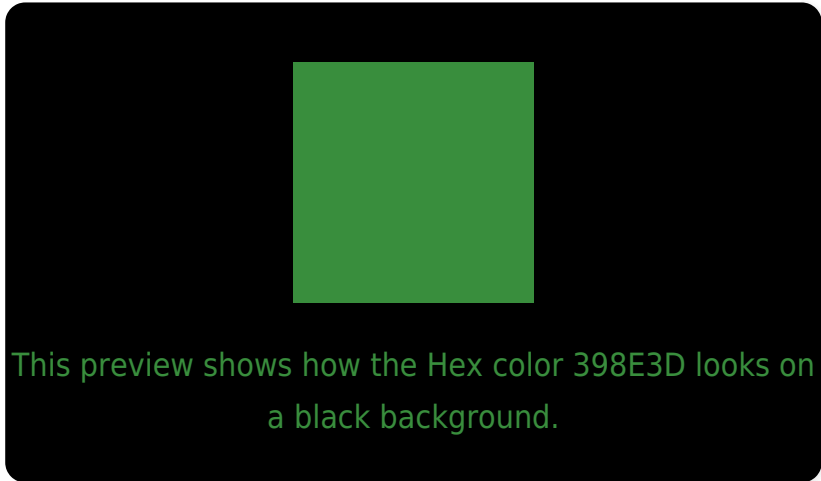
Large Text (above 18pt) WCAG AA ✓ Pass

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 398E3D Background



This preview shows how black text looks on a background with the Hex color 398E3D.



This preview shows how white text looks on a background with the Hex color 398E3D.

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
398E3D

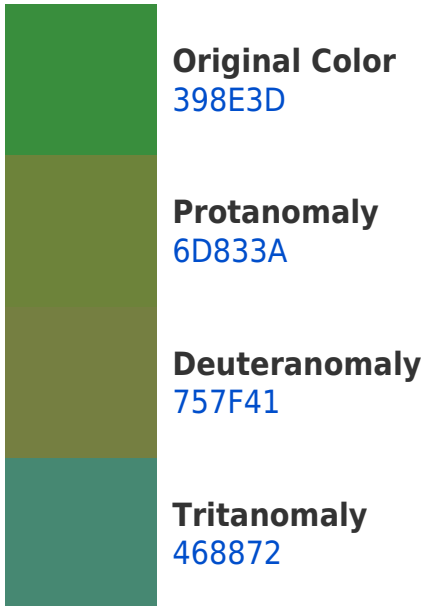
Protanopia
8A7D38

Deuteranopia
987743

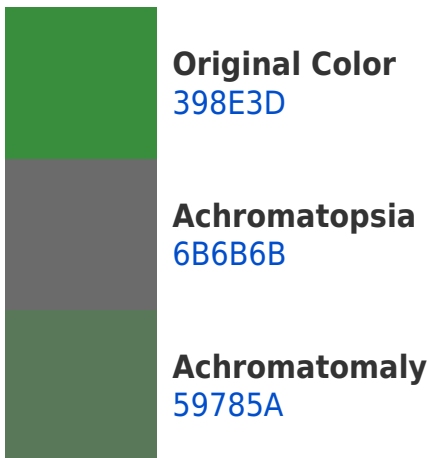


Tritanopia
4D8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 398E3D 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 #398E3D looks like.

```
.text, #text, p{  
    color:#398E3D  
}
```

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 #398E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398E3D
}
```

Border

The CSS property to change the border of an element to Hex 398E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

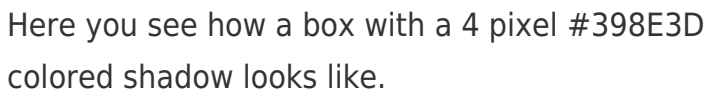
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#398E3D }
```

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

```
.border{ border-color:#398E3D }
```

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



Here you see how a box with a 4 pixel `#398E3D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398E3D; -webkit-box-shadow:4px 4px  
4px 4px #398E3D; box-shadow:4px 4px 4px  
4px #398E3D }
```

Background

The CSS property to change the background color of an element to Hex 398E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398E3D }
```

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

```
.background{ background-color:#398E3D }
```

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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