

# Converting Colors

Hex(398D5F)

Have a look what the booklet for  
Hex(398D5F) contains.

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# Color

Hex(398D5F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	398D5F
RGB	57, 141, 95
RGB Percent	22%, 55%, 37%
CMY	0.7765, 0.4471, 0.6275
CMYK	0.60, 0.00, 0.33, 0.45
HSL	147°, 42%, 39%
HSV	147°, 60%, 55%
XYZ	13.2778, 20.7458, 14.1310
YIQ	110.6400, -35.2980, -32.1140

# Conversions

## Conversions Part 2

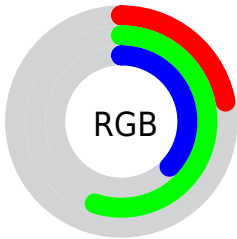
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 115, 141
Decimal	3771743
CIELab	52.67, -36.55, 17.14
CIELCh	53, 40.373, 154.882
Yxy	20.7458, 0.2757, 0.4308
Android (android.graphics.Color)	4281961823 (0xFF398D5F)
YUV	110.6400, -7.7105, -47.0423
Hunter-Lab	45.5476, -27.6730, 13.4888

# Details

The Hex color **398D5F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8D3967**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **70C392**, and **005A30** is the 20% darker color. If you saturate the color by 10%, you get **2B8D57**, and if you desaturate by 10%, it is **478D67**.

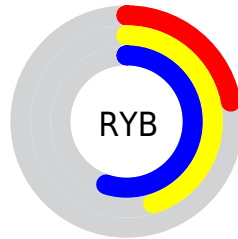
# Distribution



Red (22%)

Green (55%)

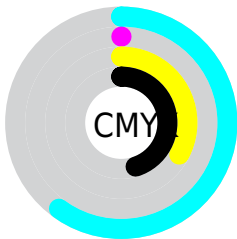
Blue (37%)



Red (22%)

Yellow (45%)

Blue (55%)

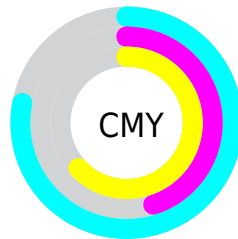


Cyan (60%)

Magenta (0%)

Yellow (33%)

Black (45%)



Cyan (78%)

Magenta (45%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 398D5F 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 398D5F by changing the saturation by 10% instead.





398D5F



398D5F

FFFFFF



1A7347



70C392



005A30



8BE0AC



00421B



A7FCC8



002B02



C3FFE4



001100



E0FFFF



000000

FDFFFF



398D5F



398D5F



2B8D57



478D67

■ 1D8D50

■ 558D6E

■ 0F8D48

■ 638D76

■ 018D40

■ 718D7E

■ 008D40

■ 808D86

■ 8E8D8D

■ 9C8D95

■ AA8D9D

■ B88DA4

# Harmonies

## Analogous

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



688743



398D5F



008F82

# Triad

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



398D5F



4C7FC3



BC6558

# Complementary

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



398D5F



8D3967

# 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.



BE6079



398D5F



8872B7

# Square

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



398D5F



0089BC



AD669C



AA713F

# Rectangle

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



398D5F



008F9A



AD669C



BE6362



# Sweetspot

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



398D5F



97B8A6



678D39



485C51



DBDBDB



5C5C5C



# Same Dimension

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



398D5F



35B870



398D89



404743



00873D



000803



# Inverse Universe

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



8D3967



B8357D



8D393D



474044



87004A



080004



# Previews

## White Background



This preview shows how the Hex color 398D5F looks on a white background.

## Color Contrast Check

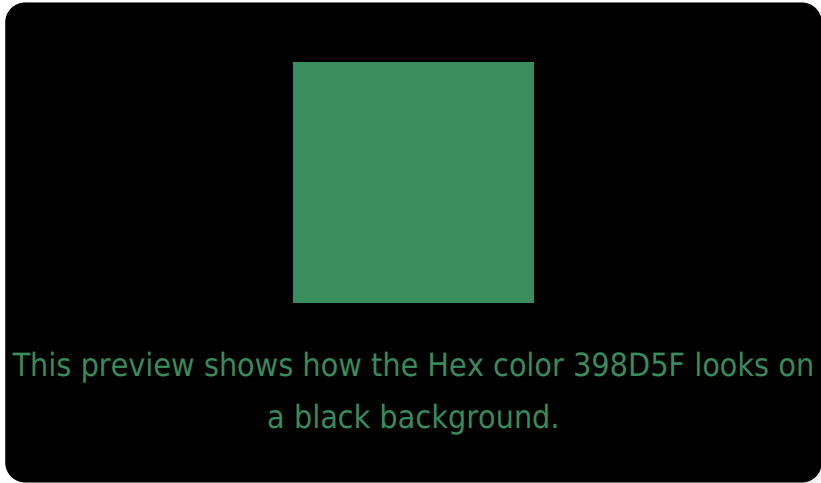
Large Text (above 18pt) WCAG AA ✓ Pass

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 398D5F Background



This preview shows how black text looks on a background with the Hex color 398D5F.

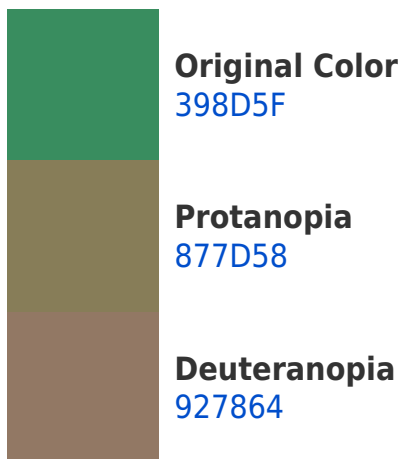


This preview shows how white text looks on a background with the Hex color 398D5F.

# 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](#).

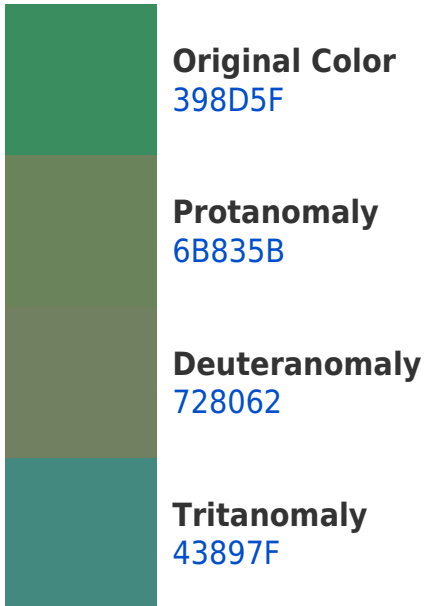
## Dichromacy



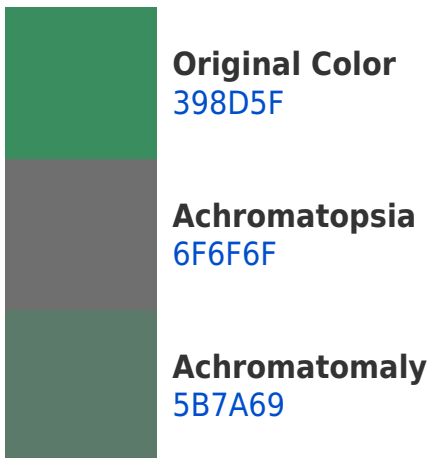


**Tritanopia**  
498792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 398D5F 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 #398D5F looks like.

```
.text, #text, p{  
    color:#398D5F  
}
```

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 #398D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398D5F
}
```

## Border

The CSS property to change the border of an element to Hex 398D5F 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
#398D5F }
```

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

```
.border{ border-color:#398D5F }
```

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

Here you see how a box with a 4 pixel #398D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398D5F; -webkit-box-shadow:4px 4px  
4px 4px #398D5F; box-shadow:4px 4px 4px  
4px #398D5F }
```

# Background

The CSS property to change the background color of an element to Hex 398D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398D5F }
```

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

```
.background{ background-color:#398D5F }
```

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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