

Converting Colors

Hex(398F35)

Have a look what the booklet for
Hex(398F35) contains.

Hex(398F35)	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(398F35)

Conversions

Conversions Part 1

Format	Color
Hex	398F35
RGB	57, 143, 53
RGB Percent	22%, 56%, 21%
CMY	0.7765, 0.4392, 0.7922
CMYK	0.60, 0.00, 0.63, 0.44
HSL	117°, 46%, 38%
HSV	117°, 63%, 56%
XYZ	12.1524, 20.7718, 6.7370
YIQ	107.0260, -22.3660, -46.2220

Conversions

Conversions Part 2

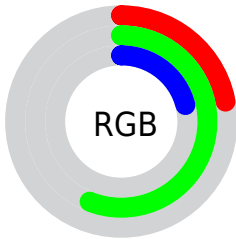
Format	Color
RYB	53, 143, 139
Decimal	3772213
CIELab	52.70, -44.23, 39.34
CIElCh	53, 59.192, 138.344
Yxy	20.7718, 0.3064, 0.5237
Android (android.graphics.Color)	4281962293 (0xFF398F35)
YUV	107.0260, -26.6348, -43.8728
Hunter-Lab	45.5761, -32.1630, 23.1391

Details

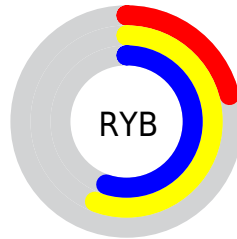
The Hex color **398F35** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8B358F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **71C667**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **2B8F27**, and if you desaturate by 10%, it is **478F43**.

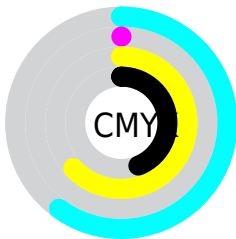
Distribution



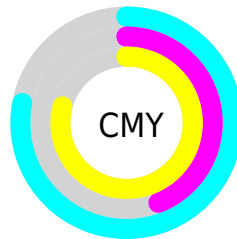
- Red (22%)
- Green (56%)
- Blue (21%)



- Red (21%)
- Yellow (56%)
- Blue (55%)



- Cyan (60%)
- Magenta (0%)
- Yellow (63%)
- Black (44%)



- Cyan (78%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 398F35 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 398F35 by changing the saturation by 10% instead.



398F35



398F35

FFFFFF



18751C



71C667



005B00



8DE281



004300



A9FF9C



002D00



C6FFB7



001100



E3FFD3



000000



FFFFF0



398F35



398F35



2B8F27



478F43

■ 1E8F18

■ 548F52

■ 108F0A

■ 628F60

■ 068F00

■ 708F6E

■ 7D8F7D

■ 8B8F8B

■ 998F99

■ A68FA7

■ B48FB6

Harmonies

Analogous

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



798505



398F35



009468

Triad

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



398F35



0089E2



D94C61

Complementary

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



398F35



8B358F

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.



CF4D94



398F35



5479DF

Square

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



398F35



0092C9



A762C2



C95F32

Rectangle

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



398F35



00958B



A762C2



D84A72

Sweetspot

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



398F35



98BA97



8F8B35



4A5E49



DEDEDE



5E5E5E

Same Dimension

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



398F35



33BA2D



358F5E



414740



068700



000800

Inverse Universe

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



8B358F



B42DBA



8F3566



474047



810087



070008

Previews

White Background



This preview shows how the Hex color 398F35 looks on a white background.

Color Contrast Check

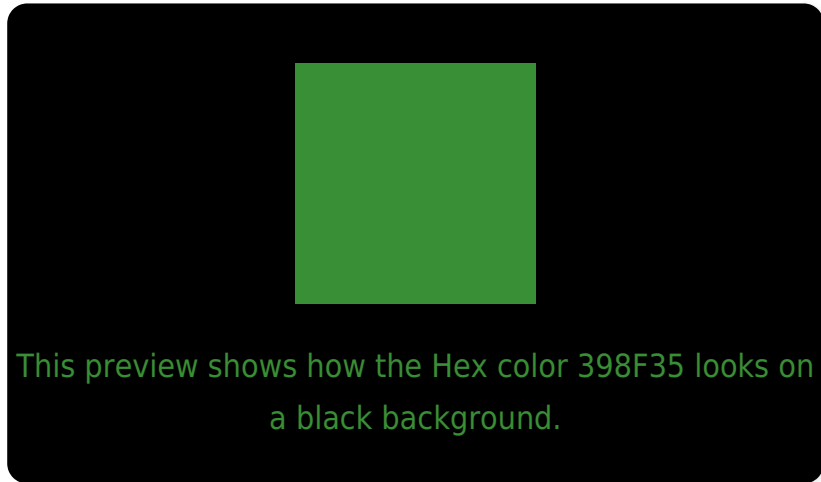
Large Text (above 18pt) WCAG AA ✓ Pass

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 398F35 Background



This preview shows how black text looks on a background with the Hex color 398F35.



This preview shows how white text looks on a background with the Hex color 398F35.

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
398F35

Protanopia
8B7D30

Deuteranopia
9A773C



Tritanopia
4E8691

Trichromacy



Original Color
398F35



Protanomaly
6D8432



Deuteranomaly
778039



Tritanomaly
468970

Monochromacy



Original Color
398F35



Achromatopsia
6B6B6B



Achromatomaly
597857

CSS Examples

Text

The CSS property to change the color of the text to Hex 398F35 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 #398F35 looks like.

```
.text, #text, p{  
    color:#398F35  
}
```

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 #398F35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #398F35
}
```

Border

The CSS property to change the border of an element to Hex 398F35 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
#398F35 }
```

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

```
.border{ border-color:#398F35 }
```

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

Here you see how a box with a 4 pixel #398F35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #398F35; -webkit-box-shadow:4px 4px  
4px 4px #398F35; box-shadow:4px 4px 4px  
4px #398F35 }
```

Background

The CSS property to change the background color of an element to Hex 398F35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#398F35 }
```

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

```
.background{ background-color:#398F35 }
```

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