

Converting Colors

Hex(39783F)

Have a look what the booklet for
Hex(39783F) contains.

Hex(39783F)	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(39783F)

Conversions

Conversions Part 1

Format	Color
Hex	39783F
RGB	57, 120, 63
RGB Percent	22%, 47%, 25%
CMY	0.7765, 0.5294, 0.7529
CMYK	0.53, 0.00, 0.47, 0.53
HSL	126°, 36%, 35%
HSV	126°, 52%, 47%
XYZ	9.3010, 14.6617, 7.0424
YIQ	94.6650, -19.2510, -31.0830

Conversions

Conversions Part 2

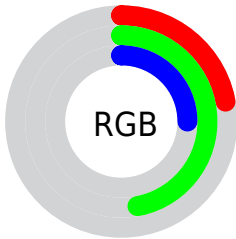
Format	Color
RYB	57, 115, 120
Decimal	3766335
CIELab	45.17, -33.24, 25.18
CIElCh	45, 41.702, 142.858
Yxy	14.6617, 0.3000, 0.4729
Android (android.graphics.Color)	4281956415 (0xFF39783F)
YUV	94.6650, -15.6108, -33.0322
Hunter-Lab	38.2906, -23.6497, 15.8988

Details

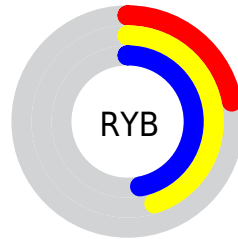
The Hex color **39783F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **783972**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6DAD70**, and **004712** is the 20% darker color. If you saturate the color by 10%, you get **2D7834**, and if you desaturate by 10%, it is **45784A**.

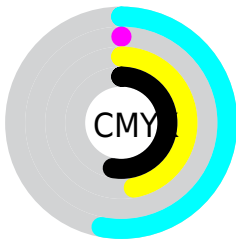
Distribution



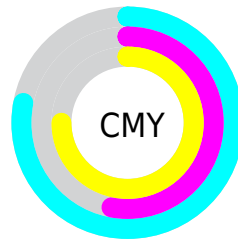
- Red (22%)
- Green (47%)
- Blue (25%)



- Red (22%)
- Yellow (45%)
- Blue (47%)



- Cyan (53%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (78%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39783F 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 39783F by changing the saturation by 10% instead.



39783F



39783F

FFFFFF



1E5F28



6DAD70



004712



88C889



002F00



A3E5A4



001B00



BFFFBF



000000



DBFFDB



F8FFF8



39783F



39783F




2D7834



45784A

 217829

 517855

 15781E

 5D7860

 097814

 69786A

 00780B

 757875

 817880

 8D788B

 997896

 A578A1

Harmonies

Analogous

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



647127



39783F



007C61

Triad

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



39783F



0071B0



AB4E52

Complementary

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



39783F



783972

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.



A64D75



39783F



5E65AB

Square

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



39783F



0079A2



8D5795



9E5934

Rectangle

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



39783F



007C79



8D5795



AB4C5D

Sweetspot

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



39783F



839C85



737839



404F41



CFCFCF



4F4F4F

Same Dimension

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



39783F



3A9C43



39785E



373D38



007D0C



00FC18

Inverse Universe

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



783972



9C3A92



783953



3D373D



7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 39783F looks on a white background.

Color Contrast Check

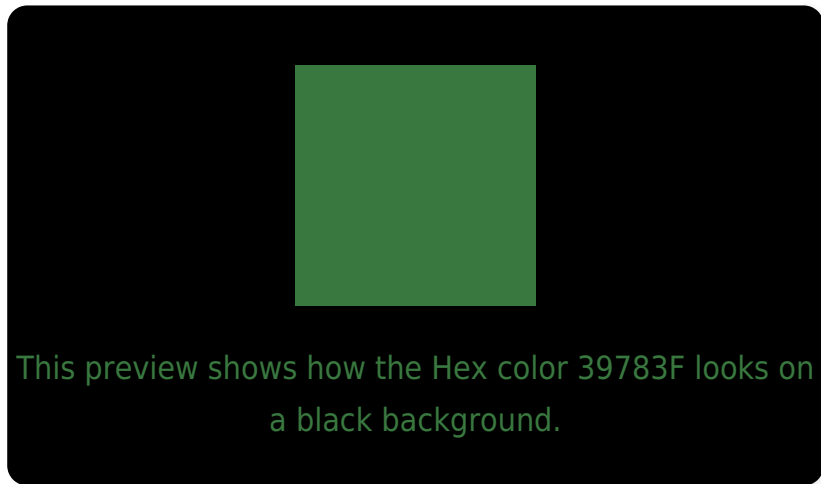
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

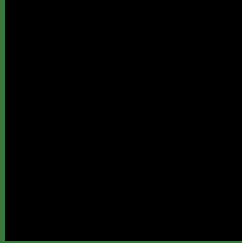
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 39783F Background



This preview shows how black text looks on a background with the Hex color 39783F.



This preview shows how white text looks on a background with the Hex color 39783F.

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
39783F

Protanopia
756A3A

Deuteranopia
806644



Tritanopia
47717A

Trichromacy



Original Color
39783F

Protanomaly
5F6F3C

Deuteranomaly
666D42

Tritanomaly
427465

Monochromacy



Original Color
39783F

Achromatopsia
5F5F5F

Achromatomaly
516853

CSS Examples

Text

The CSS property to change the color of the text to Hex 39783F 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 #39783F looks like.

```
.text, #text, p{  
    color:#39783F  
}
```

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 #39783F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39783F
}
```

Border

The CSS property to change the border of an element to Hex 39783F 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
#39783F }
```

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

```
.border{ border-color:#39783F }
```

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

Here you see how a box with a 4 pixel #39783F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39783F; -webkit-box-shadow:4px 4px  
4px 4px #39783F; box-shadow:4px 4px 4px  
4px #39783F }
```

Background

The CSS property to change the background color of an element to Hex 39783F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39783F }
```

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

```
.background{ background-color:#39783F }
```

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