

Converting Colors

Hex(39A47D)

Have a look what the booklet for
Hex(39A47D) contains.

Hex(39A47D)	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(39A47D)

Conversions

Conversions Part 1

Format	Color
Hex	39A47D
RGB	57, 164, 125
RGB Percent	22%, 64%, 49%
CMY	0.7765, 0.3569, 0.5098
CMYK	0.65, 0.00, 0.24, 0.36
HSL	158°, 48%, 43%
HSV	158°, 65%, 64%
XYZ	18.6645, 28.9014, 23.9969
YIQ	127.5610, -51.2530, -34.8130

Conversions

Conversions Part 2

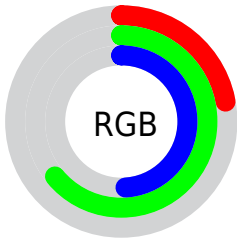
Format	Color
RYB	57, 122, 164
Decimal	3777661
CIELab	60.69, -39.96, 11.42
CIELCh	61, 41.559, 164.044
Yxy	28.9014, 0.2608, 0.4039
Android (android.graphics.Color)	4281967741 (0xFF39A47D)
YUV	127.5610, -1.2626, -61.8820
Hunter-Lab	53.7601, -32.1083, 11.1668

Details

The Hex color **39A47D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A43960**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **74DCB2**, and **006F4C** is the 20% darker color. If you saturate the color by 10%, you get **29A477**, and if you desaturate by 10%, it is **49A483**.

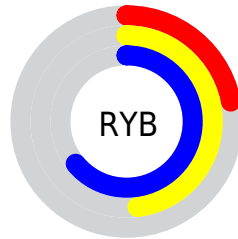
Distribution



Red (22%)

Green (64%)

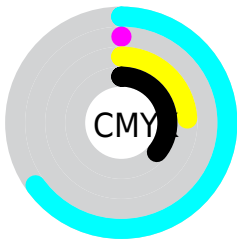
Blue (49%)



Red (22%)

Yellow (48%)

Blue (64%)

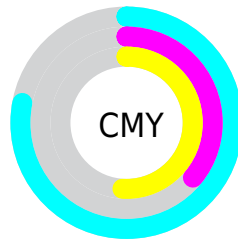


Cyan (65%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A47D 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 39A47D by changing the saturation by 10% instead.

 39A47D

 39A47D

FFFFFF

 128964

 74DCB2

 006F4C

 90F9CD

 005635

 ADFFE9

 003E20

 CAFFFF

 002809

 E7FFFF

 000500

 000000

 39A47D

 39A47D

 29A477

 49A483

■ 18A471

■ 5AA489

■ 08A46B

■ 6AA48F

■ 00A468

■ 7BA495

■ 8BA49B

■ 9BA4A1

■ ACA4A7

■ BCA4AD

■ CDA4B3

Harmonies

Analogous

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



6F9F5C



39A47D



00A5A3

Triad

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



39A47D



7690D9



D17D61

Complementary

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



39A47D



A43960

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.



D87582



39A47D



AC82C7

Square

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



39A47D



1A9CD8



CD77A8



BA894B

Rectangle

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



39A47D



00A4BA



CD77A8



D5796B

Sweetspot

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



39A47D



ABD6C7



60A439



516B62



EBEBEB



6B6B6B

Same Dimension

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



39A47D



2FD699



3996A4



49524F



00915C



00120B

Inverse Universe

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



A43960



D62F6C



A44739



52494C



910035



120007

Previews

White Background



This preview shows how the Hex color 39A47D looks on a white background.

Color Contrast Check

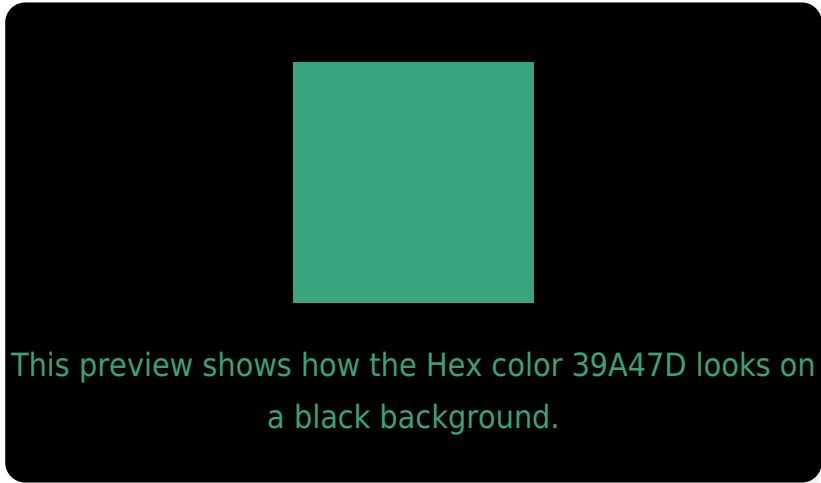
Large Text (above 18pt) WCAG AA ✓ Pass

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 39A47D Background



This preview shows how black text looks on a background with the Hex color 39A47D.

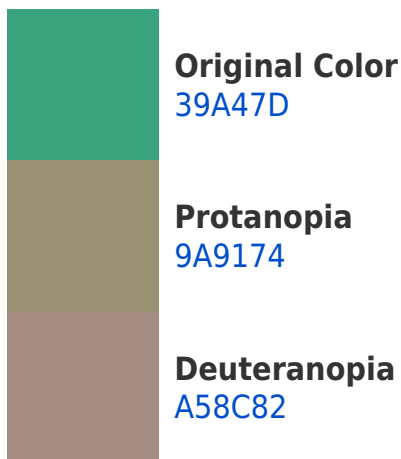


This preview shows how white text looks on a background with the Hex color 39A47D.

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](#).

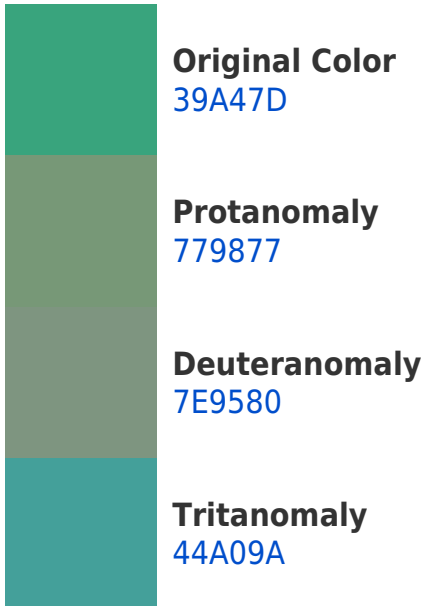
Dichromacy



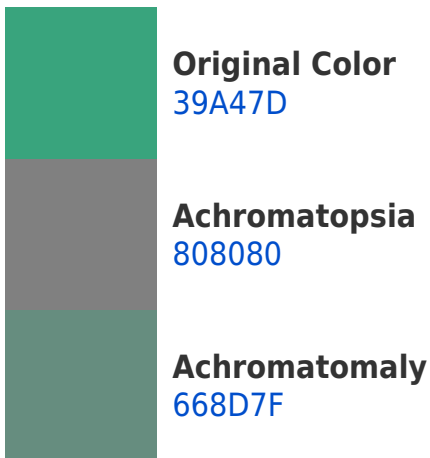


Tritanopia
4B9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39A47D 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 #39A47D looks like.

```
.text, #text, p{  
    color:#39A47D  
}
```

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 #39A47D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A47D
}
```

Border

The CSS property to change the border of an element to Hex 39A47D 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
#39A47D }
```

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

```
.border{ border-color:#39A47D }
```

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

Here you see how a box with a 4 pixel #39A47D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A47D; -webkit-box-shadow:4px 4px  
4px 4px #39A47D; box-shadow:4px 4px 4px  
4px #39A47D }
```

Background

The CSS property to change the background color of an element to Hex 39A47D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A47D }
```

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

```
.background{ background-color:#39A47D }
```

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