

Converting Colors

Hex(3A9573)

Have a look what the booklet for
Hex(3A9573) contains.

Hex(3A9573)	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(3A9573)

Conversions

Conversions Part 1

Format	Color
Hex	3A9573
RGB	58, 149, 115
RGB Percent	23%, 58%, 45%
CMY	0.7725, 0.4157, 0.5490
CMYK	0.61, 0.00, 0.23, 0.42
HSL	158°, 44%, 41%
HSV	158°, 61%, 58%
XYZ	15.5869, 23.6322, 19.9596
YIQ	117.9150, -43.3220, -29.8660

Conversions

Conversions Part 2

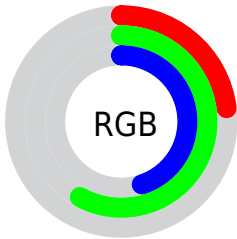
Format	Color
RYB	58, 114, 149
Decimal	3839347
CIELab	55.72, -35.45, 10.04
CIElCh	56, 36.842, 164.188
Yxy	23.6322, 0.2634, 0.3993
Android (android.graphics.Color)	4282029427 (0xFF3A9573)
YUV	117.9150, -1.4371, -52.5455
Hunter-Lab	48.6130, -27.8399, 9.6857

Details

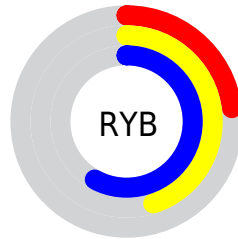
The Hex color **3A9573** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **953A5C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **72CCA7**, and **006143** is the 20% darker color. If you saturate the color by 10%, you get **2B956D**, and if you desaturate by 10%, it is **499579**.

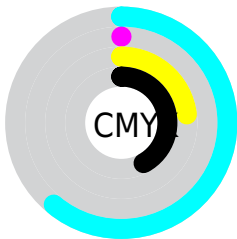
Distribution



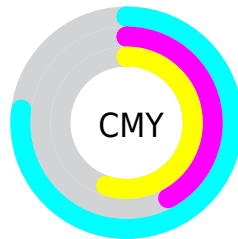
- Red (23%)
- Green (58%)
- Blue (45%)



- Red (23%)
- Yellow (45%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (77%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9573 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 3A9573 by changing the saturation by 10% instead.

 3A9573

 3A9573

FFFFFF

 197B5A

 72CCA7

 006143

 8EE8C2

 00492D

 AAFFDE

 003118

 C6FFFB

 001C00

 E3FFFF

 000000

 3A9573

 3A9573

 2B956D

 499579

 1C9568

 58957E

0D9562

679584

00955D

769589

84958F

939594

A2959A

B195A0

C095A5

Harmonies

Analogous

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



679056



3A9573



009694

Triad

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



3A9573



6E84C3



BC735A

Complementary

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



3A9573



953A5C

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.



C36C77



3A9573



9C77B4

Square

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



3A9573



2A8EC2



B96E98



A87E48

Rectangle

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



3A9573



0095A8



B96E98



C07063

Sweetspot

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



3A9573



9FC2B5



5D953A



4C6159



E0E0E0



616161

Same Dimension

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



3A9573



34C28D



3A8A95



434A47



008A56



000A06

Inverse Universe

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



953A5C



C23469



95453A



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 3A9573 looks on a white background.

Color Contrast Check

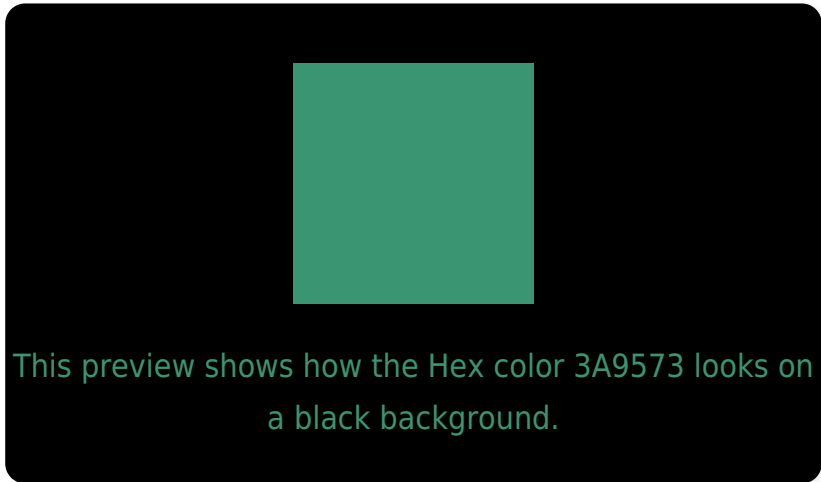
Large Text (above 18pt) WCAG AA ✓ Pass

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

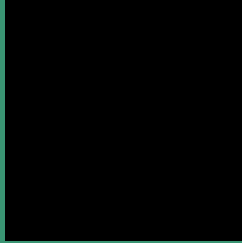
Any Text WCAG AA ✓ Pass

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 3A9573 Background



This preview shows how black text looks on a background with the Hex color 3A9573.

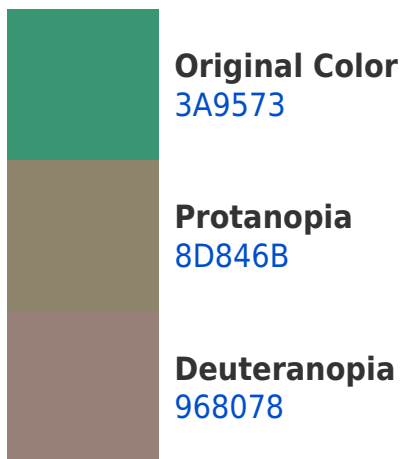


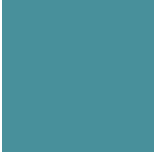
This preview shows how white text looks on a background with the Hex color 3A9573.

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
48909B

Trichromacy



Original Color
3A9573



Protanomaly
6F8A6E



Deuteranomaly
758876



Tritanomaly
43928C

Monochromacy



Original Color
3A9573



Achromatopsia
767676



Achromatomaly
608175

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9573 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 #3A9573 looks like.

```
.text, #text, p{  
    color:#3A9573  
}
```

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 #3A9573 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9573
}
```

Border

The CSS property to change the border of an element to Hex 3A9573 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
#3A9573 }
```

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

```
.border{ border-color:#3A9573 }
```

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

Here you see how a box with a 4 pixel #3A9573 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9573; -webkit-box-shadow:4px 4px  
4px 4px #3A9573; box-shadow:4px 4px 4px  
4px #3A9573 }
```

Background

The CSS property to change the background color of an element to Hex 3A9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9573 }
```

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

```
.background{ background-color:#3A9573 }
```

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