

Converting Colors

Hex(3A975E)

Have a look what the booklet for
Hex(3A975E) contains.

Hex(3A975E)	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(3A975E)

Conversions

Conversions Part 1

Format	Color
Hex	3A975E
RGB	58, 151, 94
RGB Percent	23%, 59%, 37%
CMY	0.7725, 0.4078, 0.6314
CMYK	0.62, 0.00, 0.38, 0.41
HSL	143°, 44%, 41%
HSV	143°, 62%, 59%
XYZ	14.8319, 23.8409, 14.4097
YIQ	116.6950, -37.1310, -37.4430

Conversions

Conversions Part 2

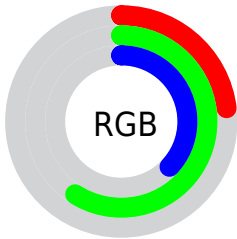
Format	Color
RYB	58, 125, 151
Decimal	3839838
CIELab	55.93, -40.85, 22.09
CIELCh	56, 46.439, 151.592
Yxy	23.8409, 0.2794, 0.4491
Android (android.graphics.Color)	4282029918 (0xFF3A975E)
YUV	116.6950, -11.1886, -51.4755
Hunter-Lab	48.8272, -31.2257, 16.6815

Details

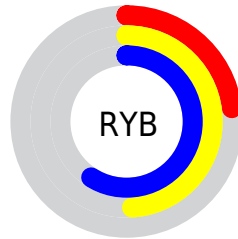
The Hex color **3A975E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **973A73**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **72CE91**, and **00632F** is the 20% darker color. If you saturate the color by 10%, you get **2B9755**, and if you desaturate by 10%, it is **499767**.

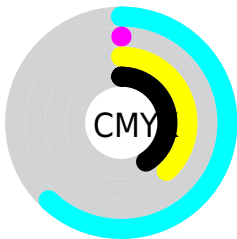
Distribution



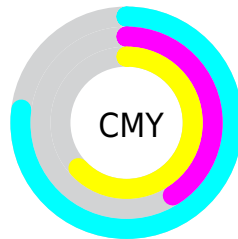
- Red (23%)
- Green (59%)
- Blue (37%)



- Red (23%)
- Yellow (49%)
- Blue (59%)



- Cyan (62%)
- Magenta (0%)
- Yellow (38%)
- Black (41%)



- Cyan (77%)
- Magenta (41%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A975E 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 3A975E by changing the saturation by 10% instead.

 3A975E

 3A975E

FFFFFF

 197D46

 72CE91

 00632F

 8EEBAC

 004A19

 AAFFC7

 003300

 C7FFE3

 001D00

 E4FFFF

 000000

 3A975E

 3A975E

 2B9755

 499767

 1C974B

 589771

0D9742

67977A

00973A

769783

86978C

959796

A4979F

B397A8

C297B1

Harmonies

Analogous

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



72903E



3A975E



009A87

Triad

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



3A975E



398AD7



CE685E

Complementary

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



3A975E



973A73

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.



CF6385



3A975E



8B7BCB

Square

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



3A975E



0094CC



B96BAD



BB763F

Rectangle

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



3A975E



009AA2



B96BAD



D1656B

Sweetspot

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



3A975E



A1C4AF



73973A



4E6356



E3E3E3



636363

Same Dimension

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



3A975E



33C46B



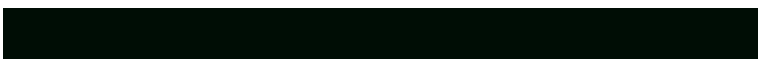
3A978C



454D48



008C36



000D05

Inverse Universe

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



973A73



C4338C



973A45



4D454A



8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 3A975E looks on a white background.

Color Contrast Check

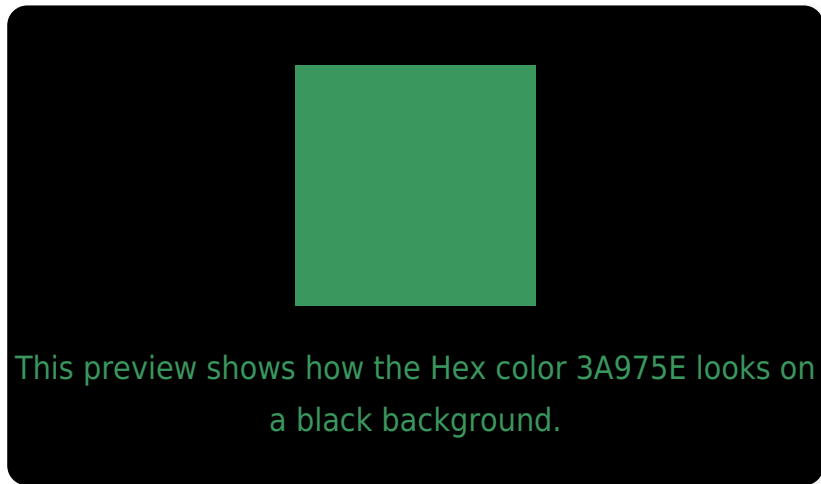
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A975E Background



This preview shows how black text looks on a background with the Hex color 3A975E.



This preview shows how white text looks on a background with the Hex color 3A975E.

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
4D909B

Trichromacy



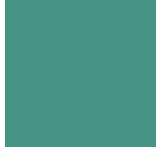
Original Color
3A975E



Protanomaly
718C5A



Deuteranomaly
798861



Tritanomaly
469385

Monochromacy



Original Color
3A975E



Achromatopsia
757575



Achromatomaly
60816D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A975E 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 #3A975E looks like.

```
.text, #text, p{  
    color:#3A975E  
}
```

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 #3A975E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A975E
}
```

Border

The CSS property to change the border of an element to Hex 3A975E 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
#3A975E }
```

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

```
.border{ border-color:#3A975E }
```

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

Here you see how a box with a 4 pixel #3A975E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A975E; -webkit-box-shadow:4px 4px  
4px 4px #3A975E; box-shadow:4px 4px 4px  
4px #3A975E }
```

Background

The CSS property to change the background color of an element to Hex 3A975E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A975E }
```

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

```
.background{ background-color:#3A975E }
```

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