

Converting Colors

Hex(3A966E)

Have a look what the booklet for
Hex(3A966E) contains.

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Color

Hex(3A966E)

Conversions

Conversions Part 1

Format	Color
Hex	3A966E
RGB	58, 150, 110
RGB Percent	23%, 59%, 43%
CMY	0.7725, 0.4118, 0.5686
CMYK	0.61, 0.00, 0.27, 0.41
HSL	154°, 44%, 41%
HSV	154°, 61%, 59%
XYZ	15.4657, 23.8380, 18.5379
YIQ	117.9320, -41.9920, -31.9440

Conversions

Conversions Part 2

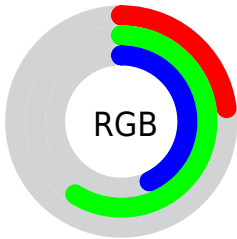
Format	Color
RYB	58, 117, 150
Decimal	3839598
CIELab	55.93, -37.05, 13.16
CIElCh	56, 39.321, 160.446
Yxy	23.8380, 0.2674, 0.4121
Android (android.graphics.Color)	4282029678 (0xFF3A966E)
YUV	117.9320, -3.9105, -52.5604
Hunter-Lab	48.8242, -28.9000, 11.6653

Details

The Hex color **3A966E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **963A62**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **72CDA2**, and **00623E** is the 20% darker color. If you saturate the color by 10%, you get **2B9667**, and if you desaturate by 10%, it is **499675**.

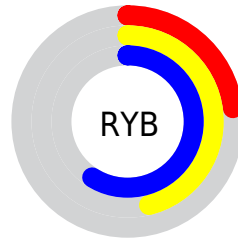
Distribution



Red (23%)

Green (59%)

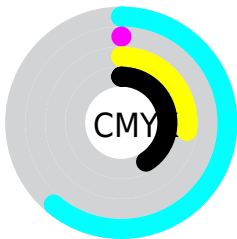
Blue (43%)



Red (23%)

Yellow (46%)

Blue (59%)

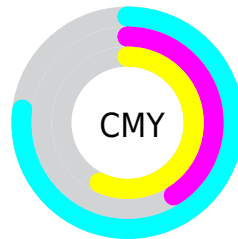


Cyan (61%)

Magenta (0%)

Yellow (27%)

Black (41%)



Cyan (77%)

Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A966E 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 3A966E by changing the saturation by 10% instead.

 3A966E

 3A966E

FFFFFF

 197C56

 72CDA2

 00623E

 8EE9BD

 004A28

 AAFFD9

 003213

 C7FFF5

 001D00

 E4FFFF

 000000

 3A966E

 3A966E

 2B9667

 499675

 1C9661

 58967B

 0D965A

 679682

 009655

 769688

 85968F

 949695

 A3969C

 B296A2

 C196A9

Harmonies

Analogous

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



6A9150



3A966E



009891

Triad

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



3A966E



6485C9



C2705B

Complementary

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



3A966E



963A62

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.



C76A7B



3A966E



9978BA

Square

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



3A966E



0090C6



BA6D9E



AE7C45

Rectangle

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



3A966E



0097A8



BA6D9E



C56D65

Sweetspot

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



3A966E



9FC2B3



63963A



4C6158



E0E0E0



616161

Same Dimension

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



3A966E



32C283



3A9196



434A47



008A4E



000A06

Inverse Universe

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



963A62



C23271



963F3A



4A4346



8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 3A966E looks on a white background.

Color Contrast Check

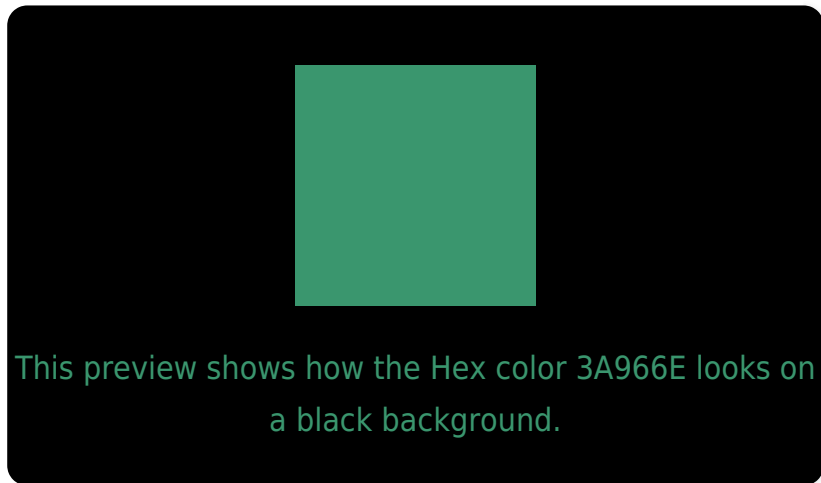
Large Text (above 18pt) WCAG AA ✓ Pass

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

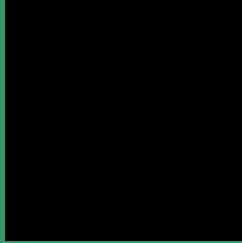
Any Text WCAG AA ✓ Pass

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 3A966E Background



This preview shows how black text looks on a background with the Hex color 3A966E.

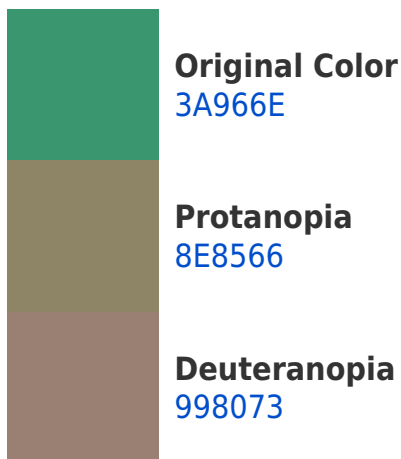



This preview shows how white text looks on a background with the Hex color 3A966E.

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



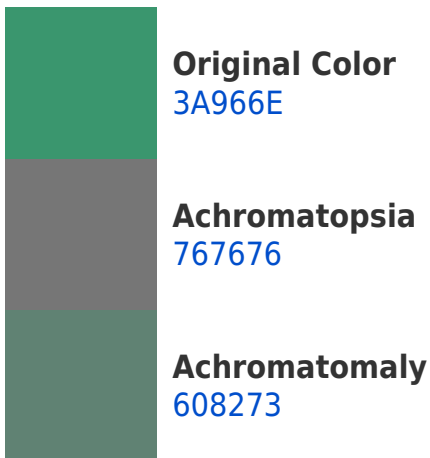


Tritanopia
4A909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A966E 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 #3A966E looks like.

```
.text, #text, p{  
    color:#3A966E  
}
```

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 #3A966E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A966E
}
```

Border

The CSS property to change the border of an element to Hex 3A966E 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
#3A966E }
```

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

```
.border{ border-color:#3A966E }
```

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

Here you see how a box with a 4 pixel #3A966E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A966E; -webkit-box-shadow:4px 4px  
4px 4px #3A966E; box-shadow:4px 4px 4px  
4px #3A966E }
```

Background

The CSS property to change the background color of an element to Hex 3A966E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A966E }
```

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

```
.background{ background-color:#3A966E }
```

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](#).

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