

Converting Colors

Hex(3A8E6A)

Have a look what the booklet for
Hex(3A8E6A) contains.

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Color

Hex(3A8E6A)

Conversions

Conversions Part 1

Format	Color
Hex	3A8E6A
RGB	58, 142, 106
RGB Percent	23%, 56%, 42%
CMY	0.7725, 0.4431, 0.5843
CMYK	0.59, 0.00, 0.25, 0.44
HSL	154°, 42%, 39%
HSV	154°, 59%, 56%
XYZ	14.0194, 21.2862, 17.0054
YIQ	112.7800, -38.5080, -29.0040

Conversions

Conversions Part 2

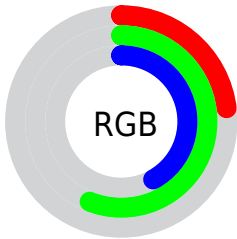
Format	Color
RYB	58, 111, 142
Decimal	3837546
CIELab	53.26, -34.36, 11.71
CIELCh	53, 36.300, 161.180
Yxy	21.2862, 0.2680, 0.4069
Android (android.graphics.Color)	4282027626 (0xFF3A8E6A)
YUV	112.7800, -3.3425, -48.0421
Hunter-Lab	46.1369, -26.4995, 10.4424

Details

The Hex color **3A8E6A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E3A5E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **71C49D**, and **005B3B** is the 20% darker color. If you saturate the color by 10%, you get **2C8E64**, and if you desaturate by 10%, it is **488E70**.

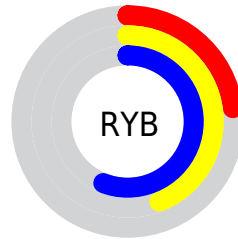
Distribution



Red (23%)

Green (56%)

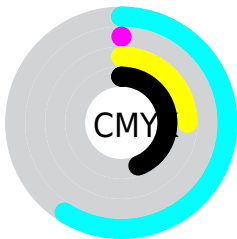
Blue (42%)



Red (23%)

Yellow (44%)

Blue (56%)

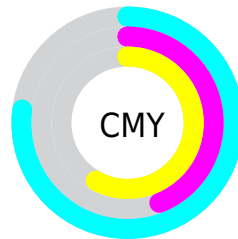


Cyan (59%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8E6A 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 3A8E6A by changing the saturation by 10% instead.

 3A8E6A

 3A8E6A

FFFFFF

 1B7452

 71C49D

 005B3B

 8CE1B8

 004325

 A8FDD4

 002C10

 C4FFF0

 001400

 E1FFFF

 000000

 3A8E6A

 3A8E6A

 2C8E64

 488E70

 1E8E5E

 568E76

■ 0F8E58

■ 658E7C

■ 018E52

■ 738E82

■ 008E51

■ 818E88

■ 8F8E8F

■ 9D8E95

■ AC8E9B

■ BA8EA1

Harmonies

Analogous

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



65894F



3A8E6A



00908A

Triad

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



3A8E6A



627EBC



B66C58

Complementary

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



3A8E6A



8E3A5E

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.



BB6675



3A8E6A



9173AE

Square

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



3A8E6A



1588BA



AF6994



A37644

Rectangle

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



3A8E6A



008F9F



AF6994



B96961

Sweetspot

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



3A8E6A



97B8A9



5E8E3A



485C53



DBDBDB



5C5C5C

Same Dimension

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



3A8E6A



35B880



3A888E



404744



00874D



000804

Inverse Universe

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



8E3A5E



B8356D



8E403A



474043



87003A



080003

Previews

White Background



This preview shows how the Hex color 3A8E6A looks on a white background.

Color Contrast Check

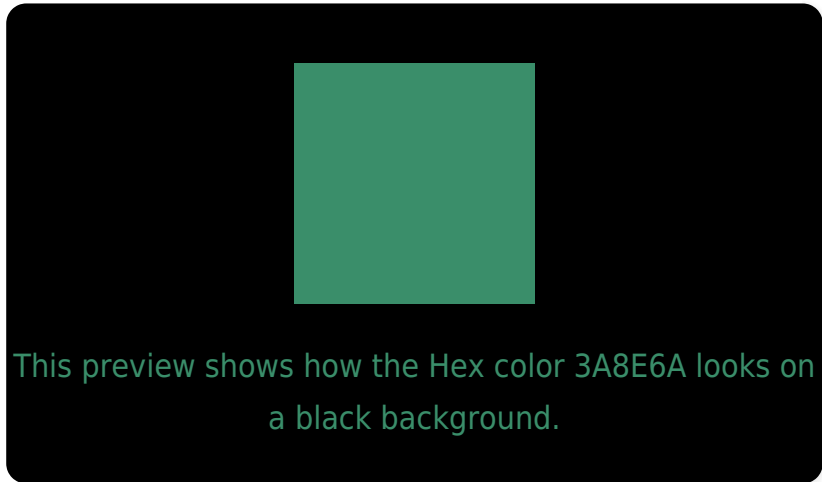
Large Text (above 18pt) WCAG AA ✓ Pass

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

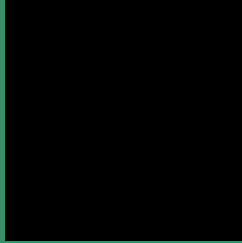
Any Text WCAG AA ✓ Pass

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 3A8E6A Background



This preview shows how black text looks on a background with the Hex color 3A8E6A.

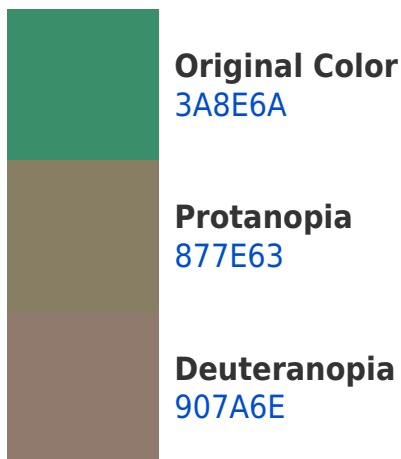


This preview shows how white text looks on a background with the Hex color 3A8E6A.

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



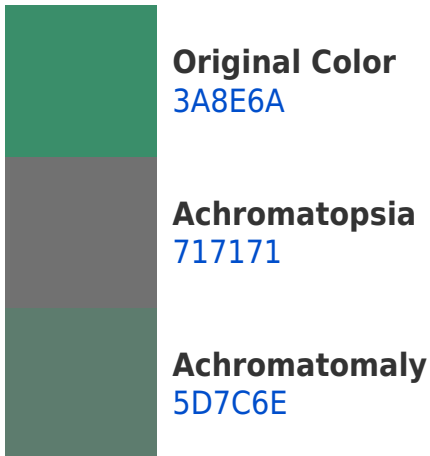


Tritanopia
488994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8E6A 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 #3A8E6A looks like.

```
.text, #text, p{  
    color:#3A8E6A  
}
```

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 #3A8E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8E6A
}
```

Border

The CSS property to change the border of an element to Hex 3A8E6A 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
#3A8E6A }
```

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

```
.border{ border-color:#3A8E6A }
```

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

Here you see how a box with a 4 pixel #3A8E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8E6A; -webkit-box-shadow:4px 4px  
4px 4px #3A8E6A; box-shadow:4px 4px 4px  
4px #3A8E6A }
```

Background

The CSS property to change the background color of an element to Hex 3A8E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8E6A }
```

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

```
.background{ background-color:#3A8E6A }
```

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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