

Converting Colors

Hex(3A8651)

Have a look what the booklet for
Hex(3A8651) contains.

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Color

Hex(3A8651)

Conversions

Conversions Part 1

Format	Color
Hex	3A8651
RGB	58, 134, 81
RGB Percent	23%, 53%, 32%
CMY	0.7725, 0.4745, 0.6824
CMYK	0.57, 0.00, 0.40, 0.47
HSL	138°, 40%, 38%
HSV	138°, 57%, 53%
XYZ	11.7552, 18.5438, 10.7443
YIQ	105.2340, -28.2830, -32.5950

Conversions

Conversions Part 2

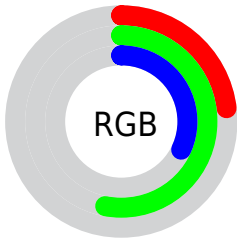
Format	Color
RYB	58, 116, 134
Decimal	3835473
CIELab	50.15, -36.01, 21.63
CIElCh	50, 42.007, 149.009
Yxy	18.5438, 0.2864, 0.4518
Android (android.graphics.Color)	4282025553 (0xFF3A8651)
YUV	105.2340, -11.9474, -41.4242
Hunter-Lab	43.0625, -26.6324, 15.3506

Details

The Hex color **3A8651** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **863A6F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **70BC83**, and **005323** is the 20% darker color. If you saturate the color by 10%, you get **2D8648**, and if you desaturate by 10%, it is **47865A**.

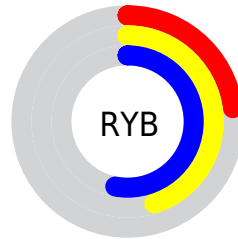
Distribution



Red (23%)

Green (53%)

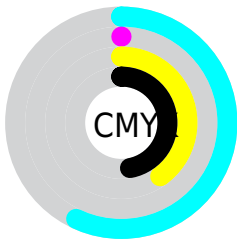
Blue (32%)



Red (23%)

Yellow (45%)

Blue (53%)

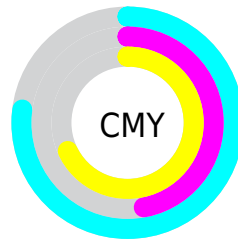


Cyan (57%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (77%)

Magenta (47%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8651 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 3A8651 by changing the saturation by 10% instead.

 3A8651

 3A8651

FFFFFF

 1D6C3A

 70BC83

 005323

 8BD89D

 003C0E

 A6F5B8

 002600

 C2FFD4

 000100

 DFFFF0

 000000

 FCFFFF

 3A8651

 3A8651

 2D8648

 47865A

 1F863E

 558664

 128635

 62866D

 04862C

 708676

 008629

 7D8680

 8A8689

 988692

 A5869C

 B386A5

Harmonies

Analogous

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



697F36



3A8651



008975

Triad

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



3A8651



2B7CBF



B85C57

Complementary

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



3A8651



863A6F

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.



B7587A



3A8651



776EB6

Square

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



3A8651



0084B4



A2609D



A8683A

Rectangle

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



3A8651



00898D



A2609D



BA5962

Sweetspot

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



3A8651



90AD99



6F863A



45574B



D6D6D6



575757

Same Dimension

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



3A8651



37AD5B



3A8677



3C423E



008227



000301

Inverse Universe

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



863A6F



AD378A



863A49



423C40



82005B



030002

Previews

White Background



This preview shows how the Hex color 3A8651 looks on a white background.

Color Contrast Check

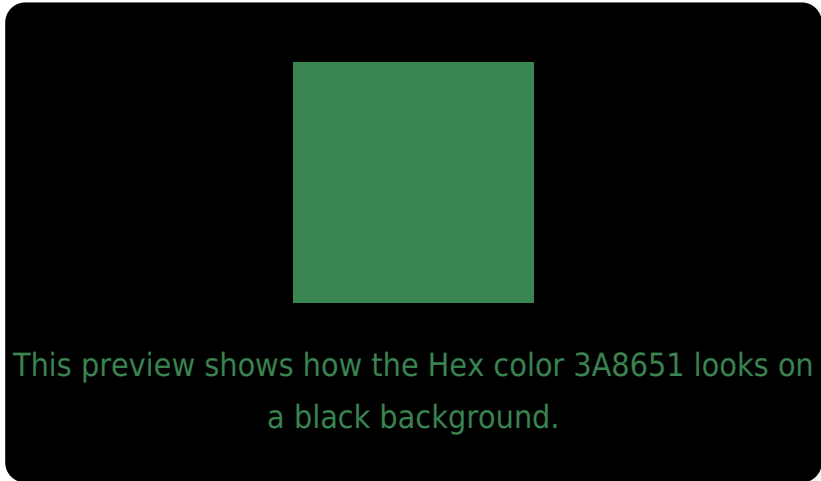
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A8651 Background



This preview shows how black text looks on a background with the Hex color 3A8651.

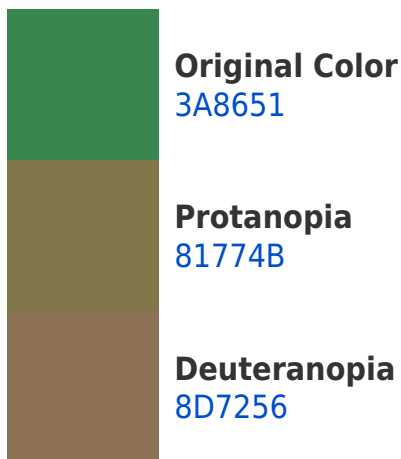


This preview shows how white text looks on a background with the Hex color 3A8651.

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
497F8A

Trichromacy



Original Color
3A8651



Protanomaly
677C4D



Deuteranomaly
6F7954



Tritanomaly
448275

Monochromacy



Original Color
3A8651



Achromatopsia
696969



Achromatomaly
587460

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8651 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 #3A8651 looks like.

```
.text, #text, p{  
    color:#3A8651  
}
```

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 #3A8651 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8651
}
```

Border

The CSS property to change the border of an element to Hex 3A8651 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
#3A8651 }
```

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

```
.border{ border-color:#3A8651 }
```

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

Here you see how a box with a 4 pixel #3A8651 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8651; -webkit-box-shadow:4px 4px  
4px 4px #3A8651; box-shadow:4px 4px 4px  
4px #3A8651 }
```

Background

The CSS property to change the background color of an element to Hex 3A8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8651 }
```

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

```
.background{ background-color:#3A8651 }
```

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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