

Converting Colors

Hex(3A842E)

Have a look what the booklet for
Hex(3A842E) contains.

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Color

Hex(3A842E)

Conversions

Conversions Part 1

Format	Color
Hex	3A842E
RGB	58, 132, 46
RGB Percent	23%, 52%, 18%
CMY	0.7725, 0.4824, 0.8196
CMYK	0.56, 0.00, 0.65, 0.48
HSL	112°, 48%, 35%
HSV	112°, 65%, 52%
XYZ	10.4893, 17.5993, 5.4289
YIQ	100.0700, -16.4980, -42.4340

Conversions

Conversions Part 2

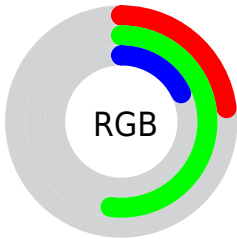
Format	Color
RYB	46, 132, 120
Decimal	3834926
CIELab	49.01, -40.37, 38.47
CIELCh	49, 55.762, 136.381
Yxy	17.5993, 0.3129, 0.5251
Android (android.graphics.Color)	4282025006 (0xFF3A842E)
YUV	100.0700, -26.6565, -36.8954
Hunter-Lab	41.9516, -28.7841, 21.6934

Details

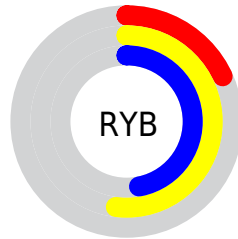
The Hex color **3A842E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **782E84**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70BA60**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **2F8421**, and if you desaturate by 10%, it is **45843B**.

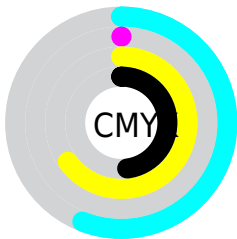
Distribution



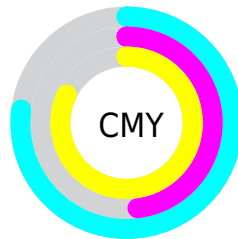
- Red (23%)
- Green (52%)
- Blue (18%)



- Red (18%)
- Yellow (52%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (65%)
- Black (48%)



- Cyan (77%)
- Magenta (48%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A842E 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 3A842E by changing the saturation by 10% instead.

 3A842E

 3A842E

FFFFFF

 1C6A14

 70BA60

 005100

 8CD679

 003900

 A8F294

 002500

 C4FFAF

 000000

 E1FFCB

 FEF FE7

 3A842E

 3A842E

 2F8421

 45843B

■ 238414

■ 518448

■ 188406

■ 5C8456

■ 128400

■ 678463

■ 738470

■ 7E847D

■ 8A848A

■ 958498

■ A084A5

Harmonies

Analogous

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



737A03



3A842E



00895D

Triad

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



3A842E



0080D0



C9465D

Complementary

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



3A842E



782E84

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.



BE498C



3A842E



4571D0

Square

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



3A842E



0088B8



975CB6



BC5631

Rectangle

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



3A842E



008A7E



975CB6



C8446C

Sweetspot

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



3A842E



8DAB89



84772E



455742



D6D6D6



575757

Same Dimension

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



3A842E



38AB26



2E844C



3D423C



128200



000300

Inverse Universe

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



782E84



9826AB



842E66



413C42



700082



020003

Previews

White Background



This preview shows how the Hex color 3A842E looks on a white background.

Color Contrast Check

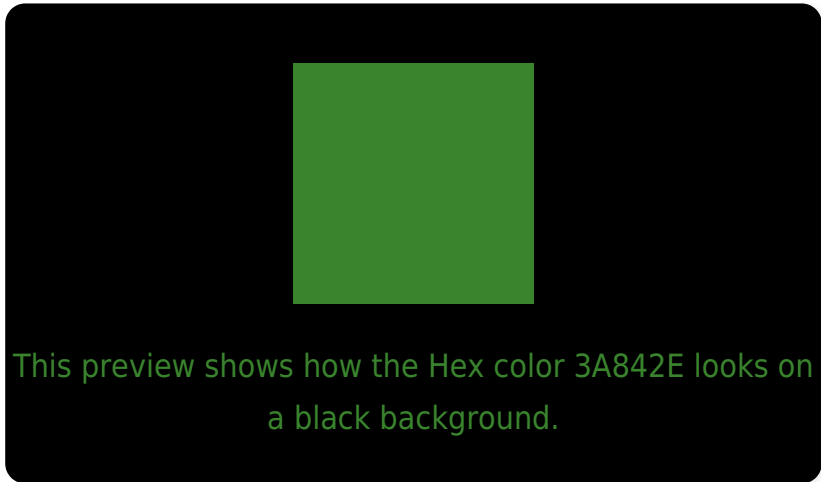
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 3A842E Background



This preview shows how black text looks on a background with the Hex color 3A842E.



This preview shows how white text looks on a background with the Hex color 3A842E.

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



Original Color
3A842E

Protanopia
81742A

Deuteranopia
8F6E35



Tritanopia
4C7B85

Trichromacy



Original Color
3A842E

Protanomaly
677A2B

Deuteranomaly
707632

Tritanomaly
457E65

Monochromacy



Original Color
3A842E

Achromatopsia
646464

Achromatomaly
557050

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A842E 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 #3A842E looks like.

```
.text, #text, p{  
    color:#3A842E  
}
```

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 #3A842E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A842E
}
```

Border

The CSS property to change the border of an element to Hex 3A842E is called "border". The border property can be set on classes, ids or directly on the HTML element.

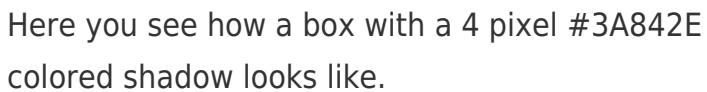
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A842E }
```

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

```
.border{ border-color:#3A842E }
```

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



Here you see how a box with a 4 pixel #3A842E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A842E; -webkit-box-shadow:4px 4px  
4px 4px #3A842E; box-shadow:4px 4px 4px  
4px #3A842E }
```

Background

The CSS property to change the background color of an element to Hex 3A842E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A842E }
```

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

```
.background{ background-color:#3A842E }
```

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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