

Converting Colors

Hex(3A9A42)

Have a look what the booklet for
Hex(3A9A42) contains.

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Color

Hex(3A9A42)

Conversions

Conversions Part 1

Format	Color
Hex	3A9A42
RGB	58, 154, 66
RGB Percent	23%, 60%, 26%
CMY	0.7725, 0.3961, 0.7412
CMYK	0.62, 0.00, 0.57, 0.40
HSL	125°, 45%, 42%
HSV	125°, 62%, 60%
XYZ	14.2839, 24.4041, 9.1119
YIQ	115.2640, -28.9680, -47.7200

Conversions

Conversions Part 2

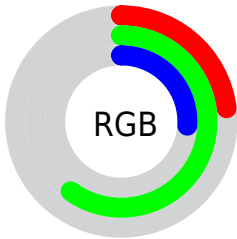
Format	Color
RYB	58, 147, 154
Decimal	3840578
CIELab	56.49, -46.63, 37.50
CIElCh	56, 59.837, 141.190
Yxy	24.4041, 0.2988, 0.5105
Android (android.graphics.Color)	4282030658 (0xFF3A9A42)
YUV	115.2640, -24.2872, -50.2205
Hunter-Lab	49.4005, -34.8385, 23.6444

Details

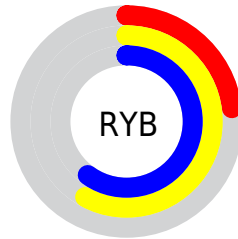
The Hex color **3A9A42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9A3A92**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **73D174**, and **00660F** is the 20% darker color. If you saturate the color by 10%, you get **2B9A34**, and if you desaturate by 10%, it is **499A50**.

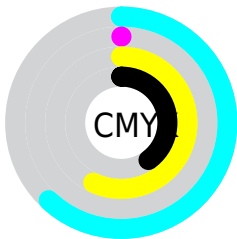
Distribution



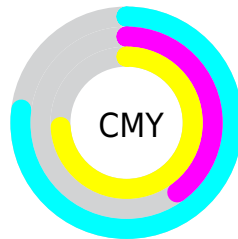
- Red (23%)
- Green (60%)
- Blue (26%)



- Red (23%)
- Yellow (58%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (77%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9A42 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 3A9A42 by changing the saturation by 10% instead.



3A9A42



3A9A42

FFFFFF



177F29



73D174



00660F



90EE8F



004D00



ACFFAA



003500



C9FFC5



001F00



E6FFE2



000000



3A9A42



3A9A42



2B9A34



499A50



1B9A26



599A5E

 0C9A18

 689A6C

 009A0D

 789A7A

 879A89

 969A97

 A69AA5

 B59AB3

 C59AC1

Harmonies

Analogous

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



7E9016



3A9A42



009F76

Triad

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



3A9A42



0092EF



E55765

Complementary

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



3A9A42



9A3A92

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.



DD5699



3A9A42



6A80E9

Square

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



3A9A42



009CD8



B769C9



D36A37

Rectangle

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



3A9A42



00A09A



B769C9



E55476

Sweetspot

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



3A9A42



A3C9A6



929A3A



4F6650



E6E6E6



666666

Same Dimension

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



3A9A42



32C93F



3A9A72



454D45



008C0C



000D01

Inverse Universe

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



9A3A92



C932BD



9A3A62



4D454C



8C0081



0D000C

Previews

White Background



This preview shows how the Hex color 3A9A42 looks on a white background.

Color Contrast Check

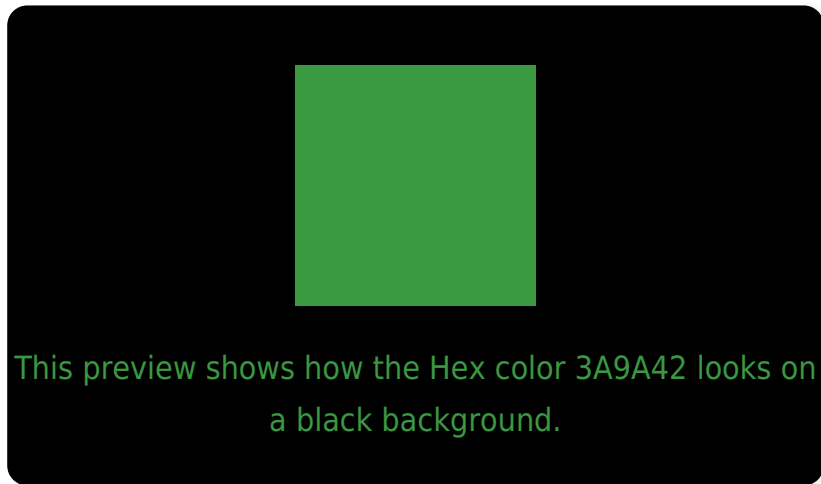
Large Text (above 18pt) WCAG AA ✓ Pass

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

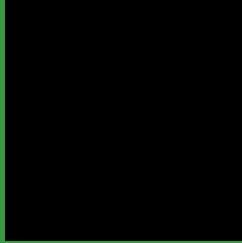
Any Text WCAG AA ✓ Pass

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 3A9A42 Background



This preview shows how black text looks on a background with the Hex color 3A9A42.




This preview shows how white text looks on a background with the Hex color 3A9A42.

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
51919C

Trichromacy



Original Color

3A9A42



Protanomaly

748E3E



Deuteranomaly

7E8946



Tritanomaly

49947B

Monochromacy



Original Color

3A9A42



Achromatopsia

737373



Achromatomaly

5E8161

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9A42 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 #3A9A42 looks like.

```
.text, #text, p{  
    color:#3A9A42  
}
```

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 #3A9A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9A42
}
```

Border

The CSS property to change the border of an element to Hex 3A9A42 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
#3A9A42 }
```

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

```
.border{ border-color:#3A9A42 }
```

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

Here you see how a box with a 4 pixel #3A9A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9A42; -webkit-box-shadow:4px 4px  
4px 4px #3A9A42; box-shadow:4px 4px 4px  
4px #3A9A42 }
```

Background

The CSS property to change the background color of an element to Hex 3A9A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9A42 }
```

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

```
.background{ background-color:#3A9A42 }
```

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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