

Converting Colors

Hex(3AAD42)

Have a look what the booklet for
Hex(3AAD42) contains.

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Color

Hex(3AAD42)

Conversions

Conversions Part 1

Format	Color
Hex	3AAD42
RGB	58, 173, 66
RGB Percent	23%, 68%, 26%
CMY	0.7725, 0.3216, 0.7412
CMYK	0.66, 0.00, 0.62, 0.32
HSL	124°, 50%, 45%
HSV	124°, 66%, 68%
XYZ	17.6719, 31.1800, 10.2412
YIQ	126.4170, -34.1930, -57.6570

Conversions

Conversions Part 2

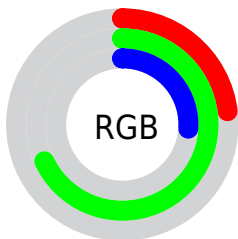
Format	Color
RYB	58, 166, 173
Decimal	3845442
CIELab	62.66, -53.67, 44.66
CIELCh	63, 69.826, 140.234
Yxy	31.1800, 0.2991, 0.5276
Android (android.graphics.Color)	4282035522 (0xFF3AAD42)
YUV	126.4170, -29.7856, -60.0017
Hunter-Lab	55.8391, -41.2270, 28.2132

Details

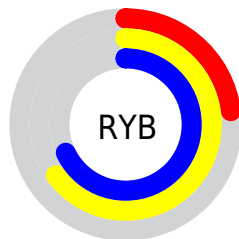
The Hex color **3AAD42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AD3AA5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77E576**, and **007709** is the 20% darker color. If you saturate the color by 10%, you get **29AD32**, and if you desaturate by 10%, it is **4BAD52**.

Distribution



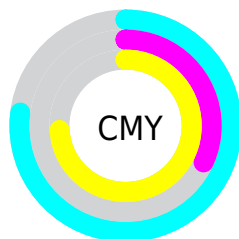
- Red (23%)
- Green (68%)
- Blue (26%)



- Red (23%)
- Yellow (65%)
- Blue (68%)



- Cyan (66%)
- Magenta (0%)
- Yellow (62%)
- Black (32%)



- Cyan (77%)
- Magenta (32%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AAD42 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 3AAD42 by changing the saturation by 10% instead.

 3AAD42

 3AAD42

FFFFFF

 0E9228

 77E576

 007709

 94FF90

 005E00

 B1FFAC


 004500

 CFFFC8

 002F00

 ECFFE4

 001100

 000000

 3AAD42

 3AAD42

 29AD32

 4BAD52

 17AD22

 5DAD62

 06AD12

 6EAD72

 00AD0C

 7FAD82

 91AD92

 A2ADA3

 B3ADB3

 C4ADC3

 D6ADD3

Harmonies

Analogous

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



8DA100



3AAD42



00B380

Triad

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



3AAD42



00A5FF



FF5B71

Complementary

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



3AAD42



AD3AA5

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.



FC5AAF



3AAD42



6C90FF

Square

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



3AAD42



00B0F6



CE73E8



F07338

Rectangle

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



3AAD42



00B4AC



CE73E8



FF5785

Sweetspot

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



3AAD42



B4E0B7



A5AD3A



557057



F0F0F0



707070

Same Dimension

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



3AAD42



2DE039



3AAD7B



4E574F



00960A



001702

Inverse Universe

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



AD3AA5



E02DD4



AD3A6C



574E56



96008C



170015

Previews

White Background



This preview shows how the Hex color 3AAD42 looks on a white background.

Color Contrast Check

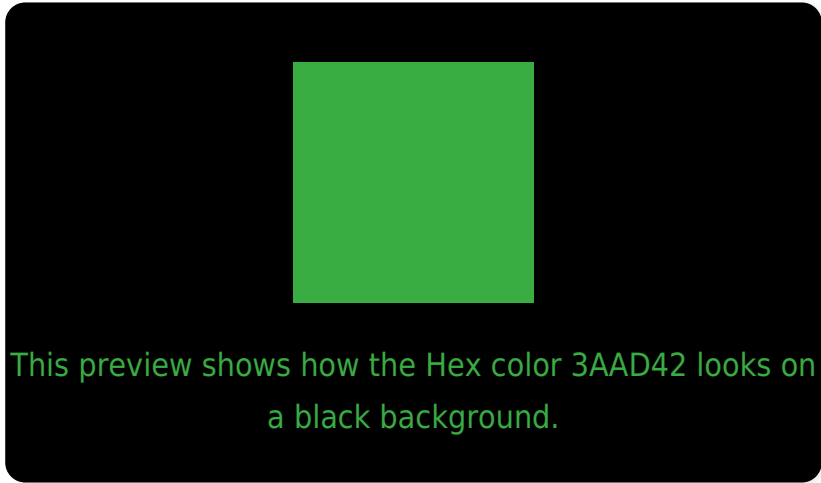
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3AAD42 Background



This preview shows how black text looks on a background with the Hex color 3AAD42.

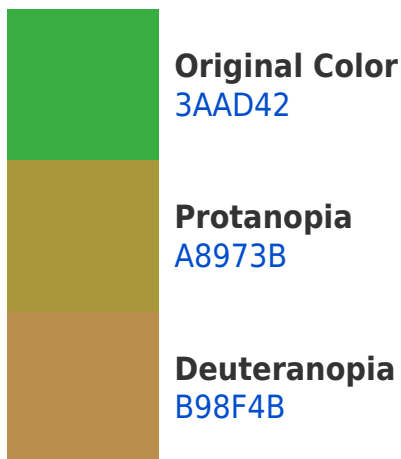


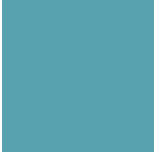
This preview shows how white text looks on a background with the Hex color 3AAD42.

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](#).

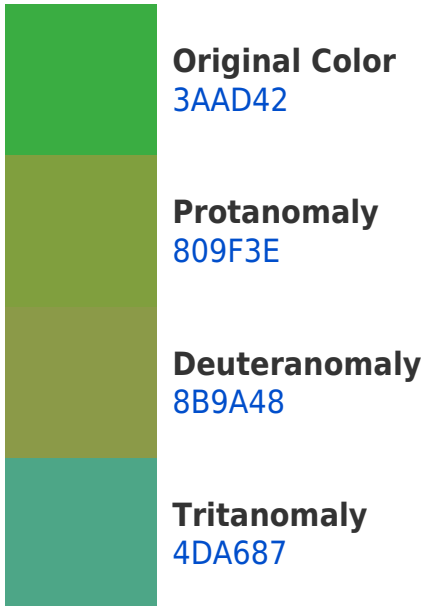
Dichromacy



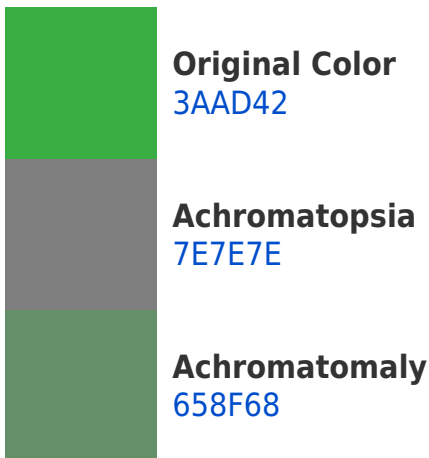


Tritanopia
58A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3AAD42 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 #3AAD42 looks like.

```
.text, #text, p{  
  color:#3AAD42  
}
```

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 #3AAD42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AAD42
}
```

Border

The CSS property to change the border of an element to Hex 3AAD42 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
#3AAD42 }
```

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

```
.border{ border-color:#3AAD42 }
```

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

Here you see how a box with a 4 pixel #3AAD42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AAD42; -webkit-box-shadow:4px 4px  
4px 4px #3AAD42; box-shadow:4px 4px 4px  
4px #3AAD42 }
```

Background

The CSS property to change the background color of an element to Hex 3AAD42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AAD42 }
```

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

```
.background{ background-color:#3AAD42 }
```

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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