

Converting Colors

Hex(44AD3A)

Have a look what the booklet for
Hex(44AD3A) contains.

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Color

Hex(44AD3A)

Conversions

Conversions Part 1

Format	Color
Hex	44AD3A
RGB	68, 173, 58
RGB Percent	27%, 68%, 23%
CMY	0.7333, 0.3216, 0.7725
CMYK	0.61, 0.00, 0.66, 0.32
HSL	115°, 50%, 45%
HSV	115°, 66%, 68%
XYZ	18.0912, 31.4216, 9.1145
YIQ	128.4950, -25.6650, -58.0250

Conversions

Conversions Part 2

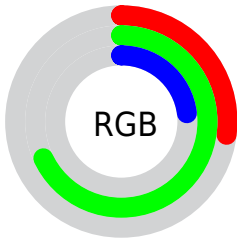
Format	Color
RYB	58, 173, 163
Decimal	4500794
CIELab	62.86, -52.31, 48.48
CIELCh	63, 71.318, 137.174
Yxy	31.4216, 0.3086, 0.5360
Android (android.graphics.Color)	4282690874 (0xFF44AD3A)
YUV	128.4950, -34.7540, -53.0541
Hunter-Lab	56.0549, -40.4870, 29.5980

Details

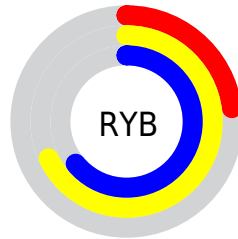
The Hex color **44AD3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A33AAD**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7FE56E**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **34AD29**, and if you desaturate by 10%, it is **54AD4B**.

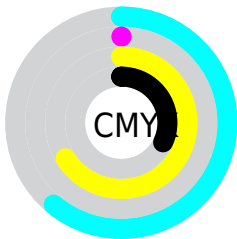
Distribution



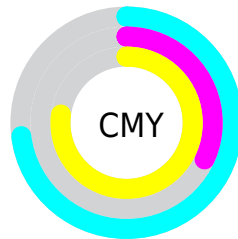
- Red (27%)
- Green (68%)
- Blue (23%)



- Red (23%)
- Yellow (68%)
- Blue (64%)



- Cyan (61%)
- Magenta (0%)
- Yellow (66%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AD3A 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 44AD3A by changing the saturation by 10% instead.

 44AD3A

 44AD3A

FFFFFF

 21921F

 7FE56E

 007700

 9CFF89

 005E00

 B9FFA4

 004500

 D6FFC0

 002F00

 F4FFDD

 001200

 FFFFFA

 000000

 44AD3A

 44AD3A

 34AD29

 54AD4B

■ 24AD17

■ 64AD5D

■ 15AD06

■ 73AD6E

■ 0FAD00

■ 83AD7F

■ 93AD91

■ A3ADA2

■ B3ADB3

■ C2ADC4

■ D2ADD6

Harmonies

Analogous

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



94A000



44AD3A



00B37A

Triad

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



44AD3A



00A7FF



FF5877

Complementary

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



44AD3A



A33AAD

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.



FC5AB6



44AD3A



5993FF

Square

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



44AD3A



00B2F4



C876EF



F6703C

Rectangle

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



44AD3A



00B5A6



C876EF



FF558C

Sweetspot

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



44AD3A



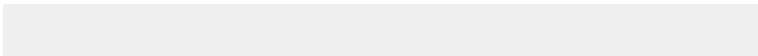
B7E0B4



ADA23A



587055



F0F0F0



707070

Same Dimension

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



44AD3A



3CE02D



3AAD68



4F574E



0D9600



021700

Inverse Universe

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



A33AAD



D12DE0



AD3A7F



564E57



890096



150017

Previews

White Background



This preview shows how the Hex color 44AD3A looks on a white background.

Color Contrast Check

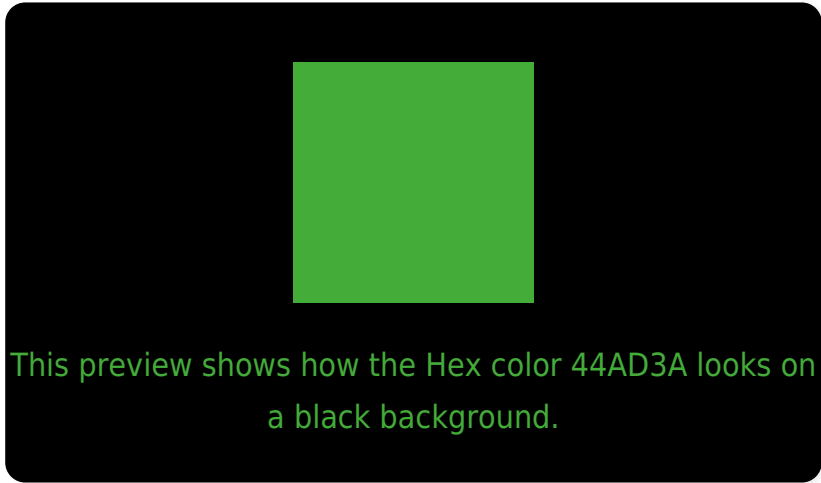
Large Text (above 18pt) WCAG AA × Fail

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 44AD3A Background



This preview shows how black text looks on a background with the Hex color 44AD3A.

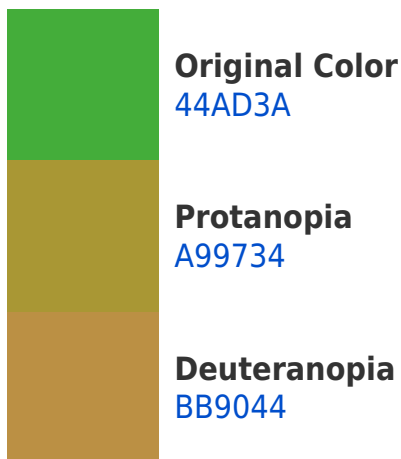


This preview shows how white text looks on a background with the Hex color 44AD3A.

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](#).

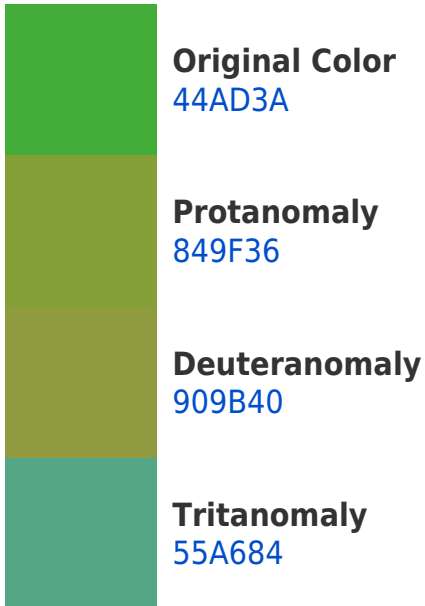
Dichromacy



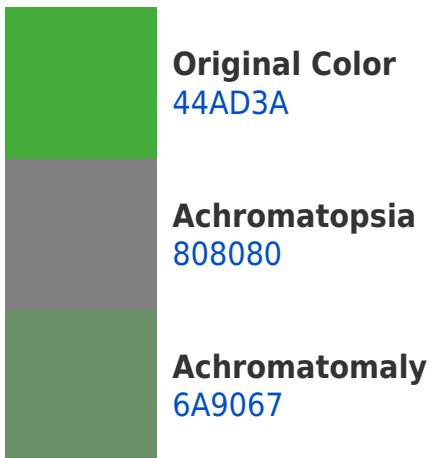


Tritanopia
5FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AD3A 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 #44AD3A looks like.

```
.text, #text, p{  
    color:#44AD3A  
}
```

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 #44AD3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AD3A
}
```

Border

The CSS property to change the border of an element to Hex 44AD3A 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
#44AD3A }
```

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

```
.border{ border-color:#44AD3A }
```

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

Here you see how a box with a 4 pixel #44AD3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AD3A; -webkit-box-shadow:4px 4px  
4px 4px #44AD3A; box-shadow:4px 4px 4px  
4px #44AD3A }
```

Background

The CSS property to change the background color of an element to Hex 44AD3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AD3A }
```

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

```
.background{ background-color:#44AD3A }
```

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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