

Converting Colors

Hex(41AC3B)

Have a look what the booklet for
Hex(41AC3B) contains.

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Color

Hex(41AC3B)

Conversions

Conversions Part 1

Format	Color
Hex	41AC3B
RGB	65, 172, 59
RGB Percent	25%, 67%, 23%
CMY	0.7451, 0.3255, 0.7686
CMYK	0.62, 0.00, 0.66, 0.33
HSL	117°, 49%, 45%
HSV	117°, 66%, 67%
XYZ	17.7219, 30.9446, 9.1765
YIQ	127.1250, -27.4990, -57.8270

Conversions

Conversions Part 2

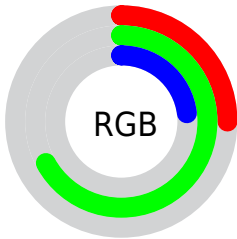
Format	Color
RYB	59, 172, 166
Decimal	4303931
CIELab	62.46, -52.55, 47.59
CIELCh	62, 70.895, 137.834
Yxy	30.9446, 0.3064, 0.5350
Android (android.graphics.Color)	4282494011 (0xFF41AC3B)
YUV	127.1250, -33.5856, -54.4836
Hunter-Lab	55.6279, -40.4824, 29.1589

Details

The Hex color **41AC3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A63BAC**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **7CE46F**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **31AC2A**, and if you desaturate by 10%, it is **51AC4C**.

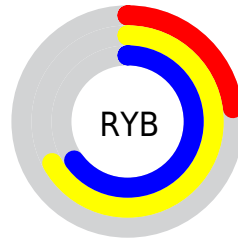
Distribution



Red (25%)

Green (67%)

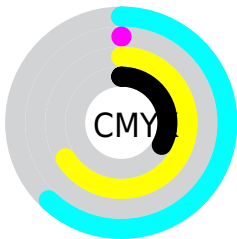
Blue (23%)



Red (23%)

Yellow (67%)

Blue (65%)

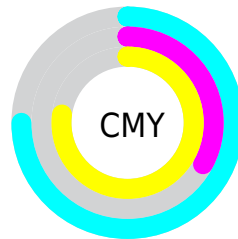


Cyan (62%)

Magenta (0%)

Yellow (66%)

Black (33%)



Cyan (75%)

Magenta (33%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41AC3B 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 41AC3B by changing the saturation by 10% instead.



41AC3B



41AC3B

FFFFFF



1C9120



7CE46F



007600



99FF8A



005D00



B6FFA5



004400



D4FFC1



002E00



F2FFDD



001000



FFFFFFA



000000



41AC3B



41AC3B



31AC2A



51AC4C

 20AC19

 62AC5D

 10AC07

 72AC6F

 09AC00

 82AC80

 92AC91

 A3ACA2

 B3ACB3

 C3ACC5

 D4ACD6

Harmonies

Analogous

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



919F00



41AC3B



00B27A

Triad

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



41AC3B



00A6FF



FF5874

Complementary

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



41AC3B



A63BAC

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.



FB5AB3



41AC3B



5C91FF

Square

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



41AC3B



00B1F4



C874EC



F4703A

Rectangle

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



41AC3B



00B4A6



C874EC



FF5489

Sweetspot

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



41AC3B



B6E0B4



ACA43B



577055



F0F0F0



707070

Same Dimension

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



41AC3B



39E02F



3BAC6C



4E574E



089600



011700

Inverse Universe

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



A63BAC



D72FE0



AC3B7B



564E57



8E0096



160017

Previews

White Background



This preview shows how the Hex color 41AC3B looks on a white background.

Color Contrast Check

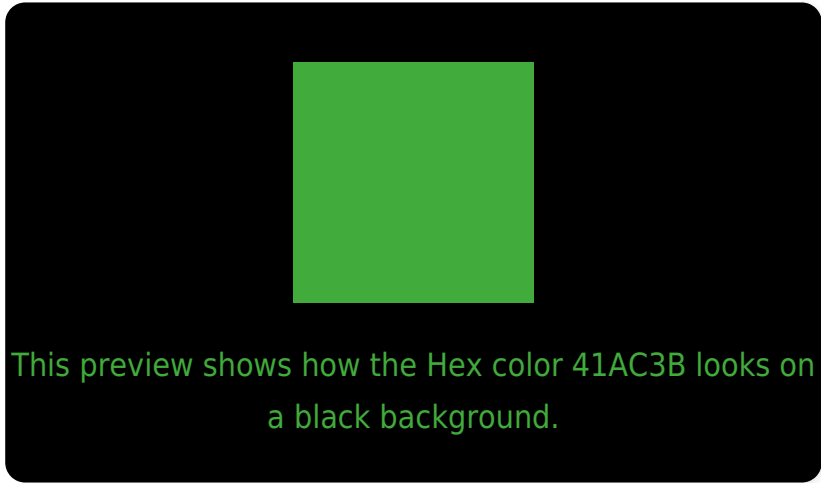
Large Text (above 18pt) WCAG AA × Fail

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

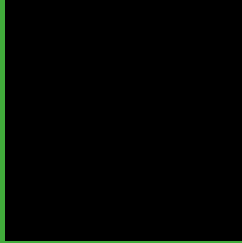
Any Text WCAG AA ✓ Pass

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 41AC3B Background



This preview shows how black text looks on a background with the Hex color 41AC3B.

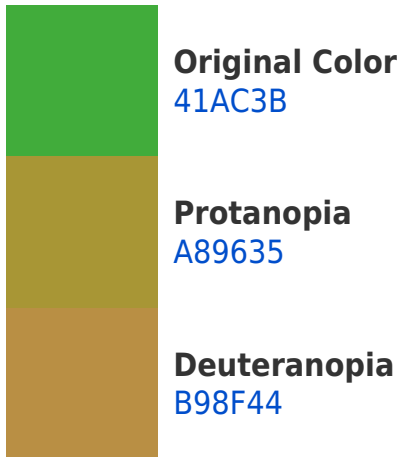


This preview shows how white text looks on a background with the Hex color 41AC3B.

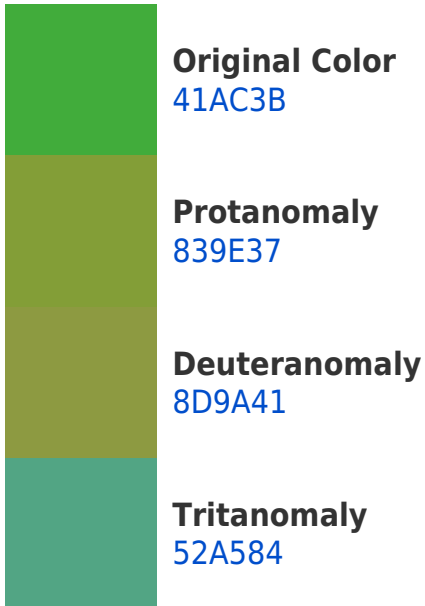
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41AC3B 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 #41AC3B looks like.

```
.text, #text, p{  
    color:#41AC3B  
}
```

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 #41AC3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AC3B
}
```

Border

The CSS property to change the border of an element to Hex 41AC3B 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
#41AC3B }
```

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

```
.border{ border-color:#41AC3B }
```

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

Here you see how a box with a 4 pixel #41AC3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AC3B; -webkit-box-shadow:4px 4px  
4px 4px #41AC3B; box-shadow:4px 4px 4px  
4px #41AC3B }
```

Background

The CSS property to change the background color of an element to Hex 41AC3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AC3B }
```

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

```
.background{ background-color:#41AC3B }
```

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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