

Converting Colors

Hex(5BAB3E)

Have a look what the booklet for
Hex(5BAB3E) contains.

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Color

Hex(5BAB3E)

Conversions

Conversions Part 1

Format	Color
Hex	5BAB3E
RGB	91, 171, 62
RGB Percent	36%, 67%, 24%
CMY	0.6431, 0.3294, 0.7569
CMYK	0.47, 0.00, 0.64, 0.33
HSL	104°, 47%, 46%
HSV	104°, 64%, 67%
XYZ	19.7468, 31.6978, 9.6349
YIQ	134.6540, -12.6910, -50.8590

Conversions

Conversions Part 2

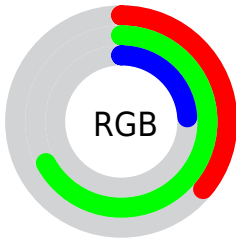
Format	Color
RYB	62, 171, 142
Decimal	6007614
CIELab	63.09, -44.78, 47.24
CIELCh	63, 65.093, 133.467
Yxy	31.6978, 0.3233, 0.5190
Android (android.graphics.Color)	4284197694 (0xFF5BAB3E)
YUV	134.6540, -35.8184, -38.2846
Hunter-Lab	56.3008, -35.9197, 29.2640

Details

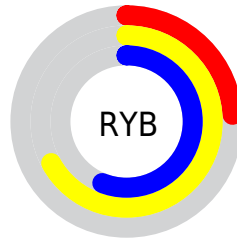
The Hex color **5BAB3E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E3EAB**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **93E372**, and **1F7601** is the 20% darker color. If you saturate the color by 10%, you get **4EAB2D**, and if you desaturate by 10%, it is **68AB4F**.

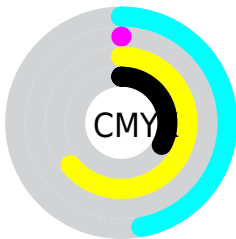
Distribution



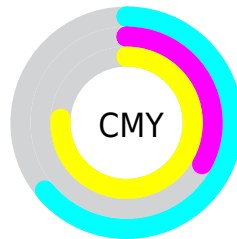
- Red (36%)
- Green (67%)
- Blue (24%)



- Red (24%)
- Yellow (67%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (64%)
- Black (33%)



- Cyan (64%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAB3E 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 5BAB3E by changing the saturation by 10% instead.



5BAB3E



5BAB3E

FFFFFF



3F9023



93E372



1F7601



AFFF8D



005D00



CCFFA8



004400



E9FFC4



002E00



FFFFE0



001300

FFFFFFD



000000



5BAB3E



5BAB3E



4EAB2D



68AB4F

 42AB1C

 74AB60

 35AB0B

 81AB71

 2DAB00

 8DAB82

 9AAB93

 A6ABA5

 B3ABB6

 BFABC7

 CCABD8

Harmonies

Analogous

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



9D9E12



5BAB3E



00B276

Triad

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



5BAB3E



00A8FF



FF6081

Complementary

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



5BAB3E



8E3EAB

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.



F166BB



5BAB3E



5296FF

Square

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



5BAB3E



00B1E7



BD7DED



F4724B

Rectangle

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



5BAB3E



00B49E



BD7DED



FF5F94

Sweetspot

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



5BAB3E



BFDEB4



AB8E3E



5D7056



F0F0F0



707070

Same Dimension

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



5BAB3E



62DE35



3EAB57



50574E



289600



061700

Inverse Universe

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



8E3EAB



B135DE



AB3E92



544E57



6E0096



110017

Previews

White Background



This preview shows how the Hex color 5BAB3E looks on a white background.

Color Contrast Check

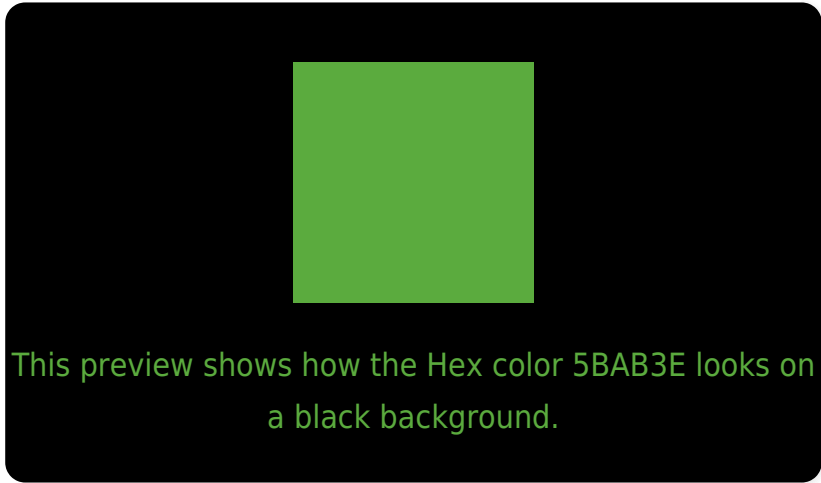
Large Text (above 18pt) WCAG AA × Fail

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 5BAB3E Background



This preview shows how black text looks on a background with the Hex color 5BAB3E.

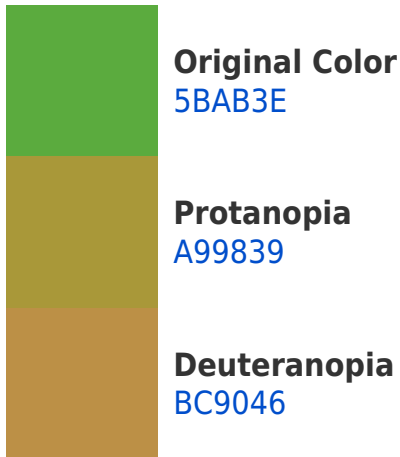


This preview shows how white text looks on a background with the Hex color 5BAB3E.

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
6FA0AD

Trichromacy



Original Color
5BAB3E



Protanomaly
8D9F3B



Deuteranomaly
999A43



Tritanomaly
68A485

Monochromacy



Original Color
5BAB3E



Achromatopsia
878787



Achromatomaly
77946C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAB3E 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 #5BAB3E looks like.

```
.text, #text, p{  
    color:#5BAB3E  
}
```

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 #5BAB3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAB3E
}
```

Border

The CSS property to change the border of an element to Hex 5BAB3E 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
#5BAB3E }
```

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

```
.border{ border-color:#5BAB3E }
```

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

Here you see how a box with a 4 pixel #5BAB3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAB3E; -webkit-box-shadow:4px 4px  
4px 4px #5BAB3E; box-shadow:4px 4px 4px  
4px #5BAB3E }
```

Background

The CSS property to change the background color of an element to Hex 5BAB3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAB3E }
```

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

```
.background{ background-color:#5BAB3E }
```

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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