

Converting Colors

Hex(5BAD4C)

Have a look what the booklet for
Hex(5BAD4C) contains.

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Color

Hex(5BAD4C)

Conversions

Conversions Part 1

Format	Color
Hex	5BAD4C
RGB	91, 173, 76
RGB Percent	36%, 68%, 30%
CMY	0.6431, 0.3216, 0.7020
CMYK	0.47, 0.00, 0.56, 0.32
HSL	111°, 39%, 49%
HSV	111°, 56%, 68%
XYZ	20.5625, 32.6331, 12.0525
YIQ	137.4240, -17.7350, -47.5510

Conversions

Conversions Part 2

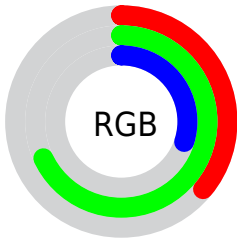
Format	Color
RYB	76, 173, 158
Decimal	6008140
CIELab	63.86, -44.08, 41.67
CIElCh	64, 60.654, 136.612
Yxy	32.6331, 0.3151, 0.5001
Android (android.graphics.Color)	4284198220 (0xFF5BAD4C)
YUV	137.4240, -30.2820, -40.7138
Hunter-Lab	57.1254, -35.7178, 27.4785

Details

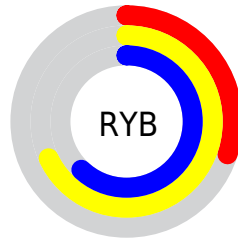
The Hex color **5BAD4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E4CAD**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **92E580**, and **207819** is the 20% darker color. If you saturate the color by 10%, you get **4CAD3B**, and if you desaturate by 10%, it is **6AAD5D**.

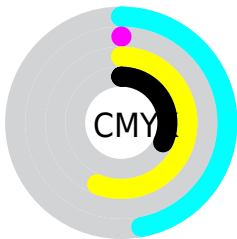
Distribution



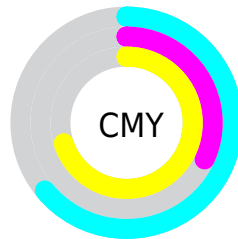
- Red (36%)
- Green (68%)
- Blue (30%)



- Red (30%)
- Yellow (68%)
- Blue (62%)



- Cyan (47%)
- Magenta (0%)
- Yellow (56%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BAD4C 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 5BAD4C by changing the saturation by 10% instead.

 5BAD4C

 5BAD4C

FFFFFF

 3F9233

 92E580

 207819

 AFFF9A

 005E00

 CBFFB6

 004600

 E9FFD2

 002F00

 FFFFEE

 001600

 000000

 5BAD4C

 5BAD4C

 4CAD3B

 6AAD5D

 3EAD29

 78AD6F

 2FAD18

 87AD80

 21AD07

 95AD91

 1BAD00

 A4ADA3

 B3ADB4

 C1ADC5

 D0ADD6

 DFADE8

Harmonies

Analogous

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



9AA127



5BAD4C



00B380

Triad

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



5BAD4C



00A8FF



FD697F

Complementary

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



5BAD4C



9E4CAD

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.



F16CB5



5BAD4C



6D96FF

Square

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



5BAD4C



00B1E8



C47FE6



EE7A4E

Rectangle

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



5BAD4C



00B5A6



C47FE6



FC6891

Sweetspot

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



5BAD4C



C0E0BA



AD9D4C



5D705A



F0F0F0



707070

Same Dimension

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



5BAD4C



61E04A



4CAD6C



4F574E



179600



041700

Inverse Universe

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



9E4CAD



C94AE0



AD4C8D



554E57



7F0096



130017

Previews

White Background



This preview shows how the Hex color 5BAD4C looks on a white background.

Color Contrast Check

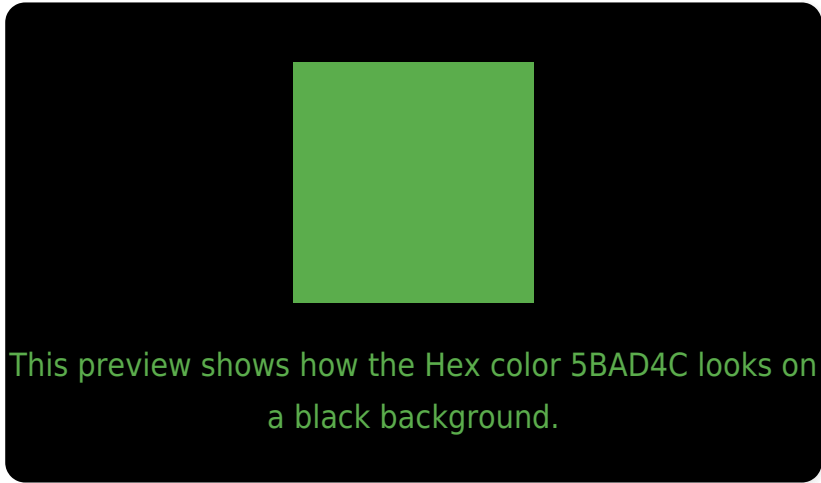
Large Text (above 18pt) WCAG AA × Fail

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

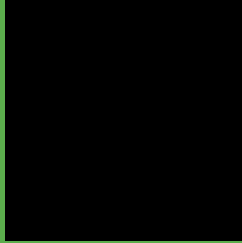
Any Text WCAG AA ✓ Pass

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 5BAD4C Background



This preview shows how black text looks on a background with the Hex color 5BAD4C.



This preview shows how white text looks on a background with the Hex color 5BAD4C.

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



Original Color
5BAD4C

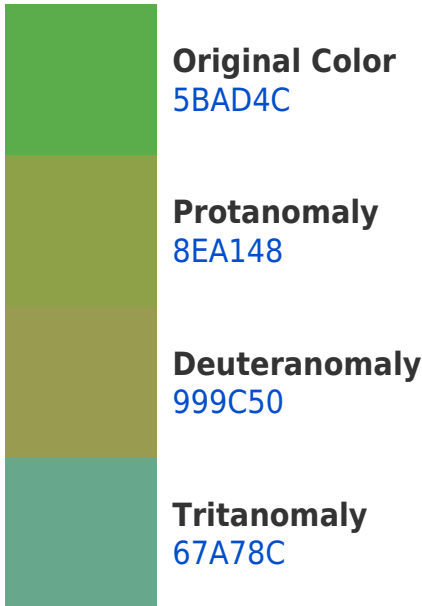
Protanopia
AB9A46

Deuteranopia
BC9353

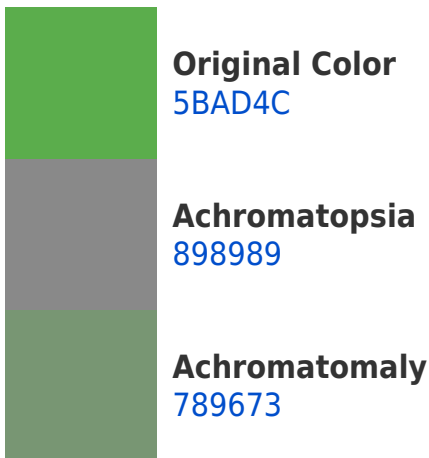


Tritanopia
6EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BAD4C 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 #5BAD4C looks like.

```
.text, #text, p{  
    color:#5BAD4C  
}
```

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 #5BAD4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BAD4C
}
```

Border

The CSS property to change the border of an element to Hex 5BAD4C 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
#5BAD4C }
```

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

```
.border{ border-color:#5BAD4C }
```

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

Here you see how a box with a 4 pixel #5BAD4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BAD4C; -webkit-box-shadow:4px 4px  
4px 4px #5BAD4C; box-shadow:4px 4px 4px  
4px #5BAD4C }
```

Background

The CSS property to change the background color of an element to Hex 5BAD4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BAD4C }
```

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

```
.background{ background-color:#5BAD4C }
```

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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