

Converting Colors

Hex(4B9A3B)

Have a look what the booklet for
Hex(4B9A3B) contains.

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Color

Hex(4B9A3B)

Conversions

Conversions Part 1

Format	Color
Hex	4B9A3B
RGB	75, 154, 59
RGB Percent	29%, 60%, 23%
CMY	0.7059, 0.3961, 0.7686
CMYK	0.51, 0.00, 0.62, 0.40
HSL	110°, 45%, 42%
HSV	110°, 62%, 60%
XYZ	15.2467, 24.9228, 8.1447
YIQ	119.5490, -16.5890, -46.2930

Conversions

Conversions Part 2

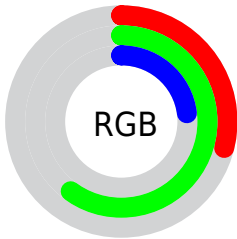
Format	Color
RYB	59, 154, 138
Decimal	4954683
CIELab	57.00, -42.98, 41.59
CIELCh	57, 59.811, 135.940
Yxy	24.9228, 0.3156, 0.5158
Android (android.graphics.Color)	4283144763 (0xFF4B9A3B)
YUV	119.5490, -29.8507, -39.0695
Hunter-Lab	49.9228, -32.8500, 25.2730

Details

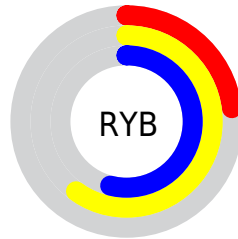
The Hex color **4B9A3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A3B9A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **82D16E**, and **076603** is the 20% darker color. If you saturate the color by 10%, you get **3E9A2C**, and if you desaturate by 10%, it is **589A4A**.

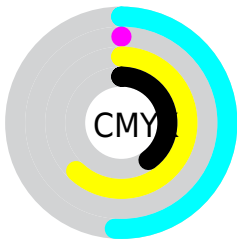
Distribution



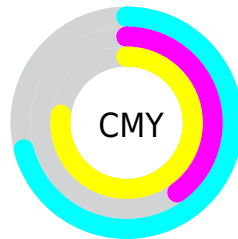
- Red (29%)
- Green (60%)
- Blue (23%)



- Red (23%)
- Yellow (60%)
- Blue (54%)



- Cyan (51%)
- Magenta (0%)
- Yellow (62%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9A3B 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 4B9A3B by changing the saturation by 10% instead.

 4B9A3B

 4B9A3B

FFFFFF

 2E8022

 82D16E

 076603

 9EEE88

 004D00

 BAFFA3

 003500

 D7FFBF

 002000

 F4FFDB

 000000

 FFFFF8

 4B9A3B

 4B9A3B

 3E9A2C

 589A4A

■ 319A1C

■ 659A5A

■ 259A0D

■ 719A69

■ 1A9A00

■ 7E9A79

■ 8B9A88

■ 989A97

■ A59AA7

■ B19AB6

■ BE9AC6

Harmonies

Analogous

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



898F13



4B9A3B



00A06E

Triad

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



4B9A3B



0096EE



E7576F

Complementary

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



4B9A3B



8A3B9A

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.



DA5AA4



4B9A3B



5685EE

Square

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



4B9A3B



009FD3



AE6ED2



D9683F

Rectangle

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



4B9A3B



00A192



AE6ED2



E65581

Sweetspot

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



4B9A3B



AAC9A3



9A893B



52664F



E6E6E6



666666

Same Dimension

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



4B9A3B



4DC934



3B9A59



464D45



188C00



020D00

Inverse Universe

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



8A3B9A



B034C9



9A3B7C



4B454D



75008C



0B000D

Previews

White Background



This preview shows how the Hex color 4B9A3B looks on a white background.

Color Contrast Check

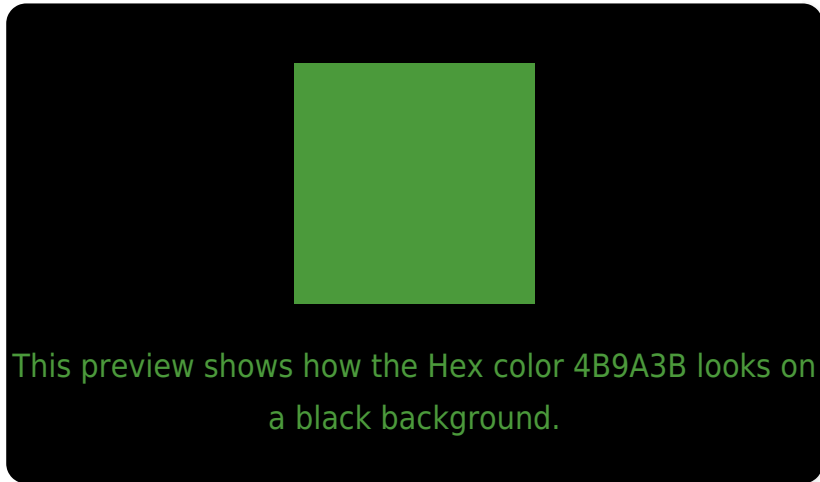
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 4B9A3B Background



This preview shows how black text looks on a background with the Hex color 4B9A3B.



This preview shows how white text looks on a background with the Hex color 4B9A3B.

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](#).

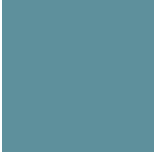
Dichromacy



Original Color
4B9A3B

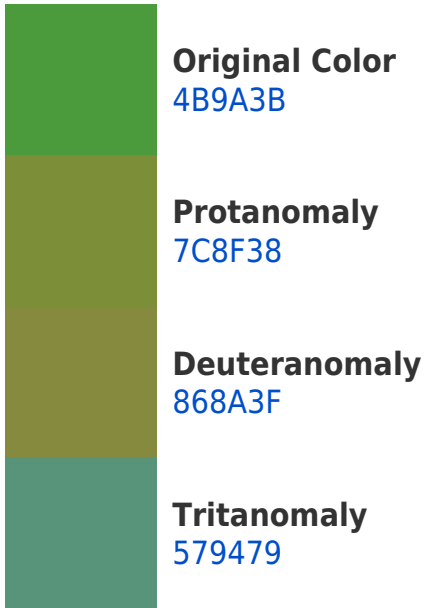
Protanopia
988836

Deuteranopia
A88142

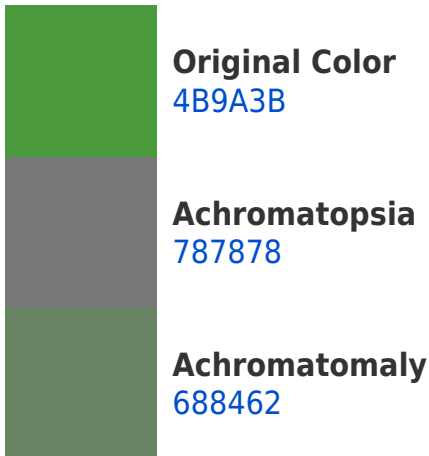


Tritanopia
5E909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9A3B 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 #4B9A3B looks like.

```
.text, #text, p{  
    color:#4B9A3B  
}
```

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 #4B9A3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9A3B
}
```

Border

The CSS property to change the border of an element to Hex 4B9A3B 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
#4B9A3B }
```

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

```
.border{ border-color:#4B9A3B }
```

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

Here you see how a box with a 4 pixel #4B9A3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9A3B; -webkit-box-shadow:4px 4px  
4px 4px #4B9A3B; box-shadow:4px 4px 4px  
4px #4B9A3B }
```

Background

The CSS property to change the background color of an element to Hex 4B9A3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9A3B }
```

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

```
.background{ background-color:#4B9A3B }
```

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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