

Converting Colors

Hex(4B9739)

Have a look what the booklet for
Hex(4B9739) contains.

Hex(4B9739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B9739)

Conversions

Conversions Part 1

Format	Color
Hex	4B9739
RGB	75, 151, 57
RGB Percent	29%, 59%, 22%
CMY	0.7059, 0.4078, 0.7765
CMYK	0.50, 0.00, 0.62, 0.41
HSL	109°, 45%, 41%
HSV	109°, 62%, 59%
XYZ	14.7068, 23.9245, 7.7137
YIQ	117.5600, -15.1220, -45.3460

Conversions

Conversions Part 2

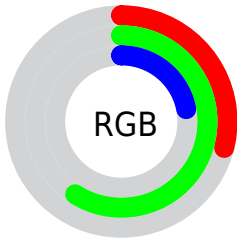
Format	Color
RYB	57, 151, 133
Decimal	4953913
CIELab	56.01, -41.97, 41.40
CIElCh	56, 58.954, 135.388
Yxy	23.9245, 0.3173, 0.5162
Android (android.graphics.Color)	4283143993 (0xFF4B9739)
YUV	117.5600, -29.8561, -37.3251
Hunter-Lab	48.9127, -31.9268, 24.8887

Details

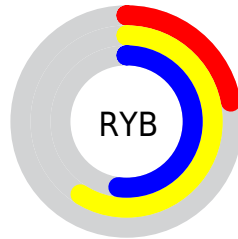
The Hex color **4B9739** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **853997**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **82CE6C**, and **0A6301** is the 20% darker color. If you saturate the color by 10%, you get **3F972A**, and if you desaturate by 10%, it is **579748**.

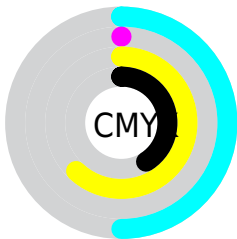
Distribution



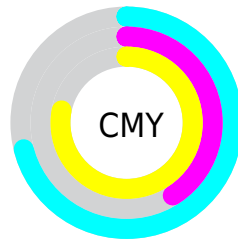
- Red (29%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (52%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)
- Black (41%)



- Cyan (71%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9739 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 4B9739 by changing the saturation by 10% instead.



4B9739



4B9739

FFFFFF



2F7D20



82CE6C



0A6301



9EEA86



004A00



BAFFA1



003300



D7FFBC



001D00



F4FFD8



000000



FFFFFF5



4B9739



4B9739



3F972A



579748

■ 33971B

■ 639757

■ 26970C

■ 709766

■ 1D9700

■ 7C9775

■ 889784

■ 949794

■ A097A3

■ AD97B2

■ B997C1

Harmonies

Analogous

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



878C12



4B9739



009D6B

Triad

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



4B9739



0093E9



E3556E

Complementary

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



4B9739



853997

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.



D658A1



4B9739



5283EA

Square

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



4B9739



009CCE



AA6DCF



D5653F

Rectangle

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



4B9739



009E8E



AA6DCF



E2547F

Sweetspot

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



4B9739



A6C49F



978439



51634D



E3E3E3



636363

Same Dimension

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



4B9739



4DC431



399755



464D45



1B8C00



020D00

Inverse Universe

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



853997



A831C4



97397B



4B454D



71008C



0A000D

Previews

White Background



This preview shows how the Hex color 4B9739 looks on a white background.

Color Contrast Check

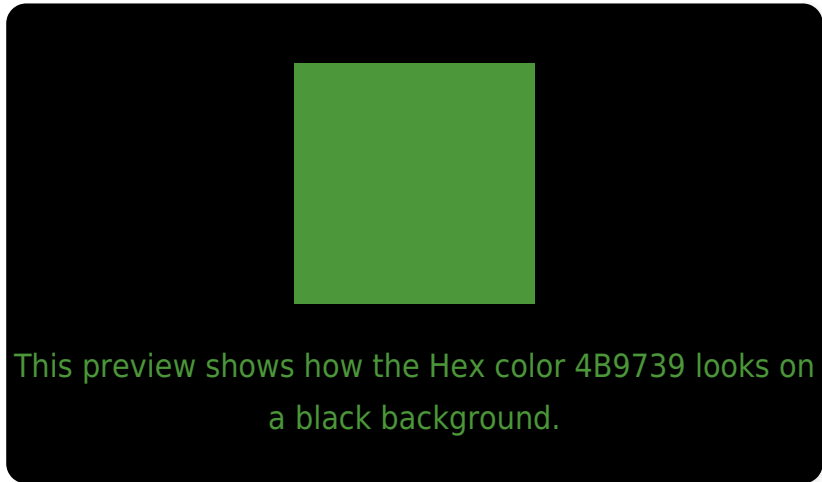
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B9739 Background



This preview shows how black text looks on a background with the Hex color 4B9739.

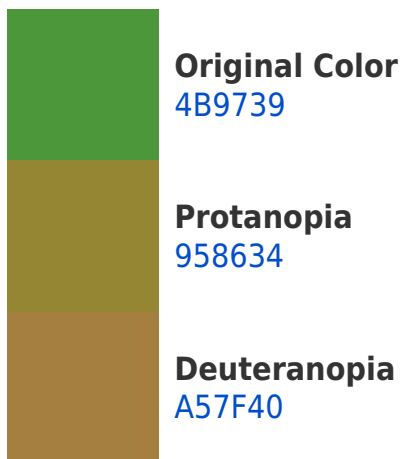


This preview shows how white text looks on a background with the Hex color 4B9739.

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](#).

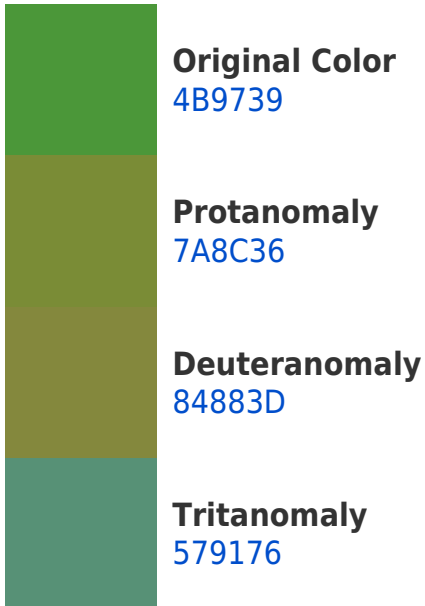
Dichromacy





Tritanopia
5E8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9739 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 #4B9739 looks like.

```
.text, #text, p{  
    color:#4B9739  
}
```

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 #4B9739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9739
}
```

Border

The CSS property to change the border of an element to Hex 4B9739 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
#4B9739 }
```

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

```
.border{ border-color:#4B9739 }
```

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

Here you see how a box with a 4 pixel #4B9739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9739; -webkit-box-shadow:4px 4px  
4px 4px #4B9739; box-shadow:4px 4px 4px  
4px #4B9739 }
```

Background

The CSS property to change the background color of an element to Hex 4B9739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9739 }
```

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

```
.background{ background-color:#4B9739 }
```

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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