

Converting Colors

Hex(4B9337)

Have a look what the booklet for
Hex(4B9337) contains.

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Color

Hex(4B9337)

Conversions

Conversions Part 1

Format	Color
Hex	4B9337
RGB	75, 147, 55
RGB Percent	29%, 58%, 22%
CMY	0.7059, 0.4235, 0.7843
CMYK	0.49, 0.00, 0.63, 0.42
HSL	107°, 46%, 40%
HSV	107°, 63%, 58%
XYZ	14.0250, 22.6391, 7.2450
YIQ	114.9840, -13.3800, -43.8760

Conversions

Conversions Part 2

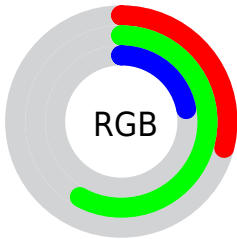
Format	Color
RYB	55, 147, 127
Decimal	4952887
CIELab	54.70, -40.52, 40.85
CIELCh	55, 57.538, 134.768
Yxy	22.6391, 0.3194, 0.5156
Android (android.graphics.Color)	4283142967 (0xFF4B9337)
YUV	114.9840, -29.5721, -35.0660
Hunter-Lab	47.5806, -30.6510, 24.2784

Details

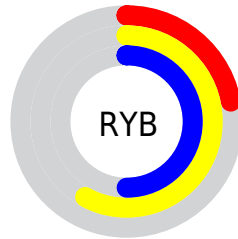
The Hex color **4B9337** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F3793**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **81CA69**, and **0C5F00** is the 20% darker color. If you saturate the color by 10%, you get **3F9328**, and if you desaturate by 10%, it is **579346**.

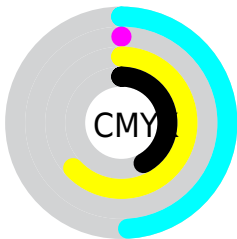
Distribution



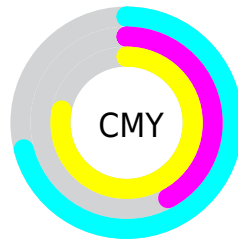
- Red (29%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (50%)



- Cyan (49%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B9337 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 4B9337 by changing the saturation by 10% instead.



4B9337



4B9337

FFFFFF



2F791E



81CA69



0C5F00



9DE684



004700



B9FF9E



003000



D6FFBA



001900



F3FFD6



000000



FFFFFF3



4B9337



4B9337



3F9328



579346

■ 34931A

■ 629354

■ 28930B

■ 6E9363

■ 209300

■ 799372

■ 859381

■ 90938F

■ 9C939E

■ A793AD

■ B393BB

Harmonies

Analogous

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



858812



4B9337



009967

Triad

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



4B9337



0090E3



DD536C

Complementary

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



4B9337



7F3793

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.



D0579E



4B9337



4E80E4

Square

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



4B9337



0098C8



A46BCA



D0633E

Rectangle

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



4B9337



009A8A



A46BCA



DC527D

Sweetspot

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



4B9337



A3BF9B



937E37



4F614B



E0E0E0



616161

Same Dimension

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



4B9337



4FBF30



379350



444A43



1E8A00



020A00

Inverse Universe

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



7F3793



A030BF



93377A



48434A



6C008A



08000A

Previews

White Background



This preview shows how the Hex color 4B9337 looks on a white background.

Color Contrast Check

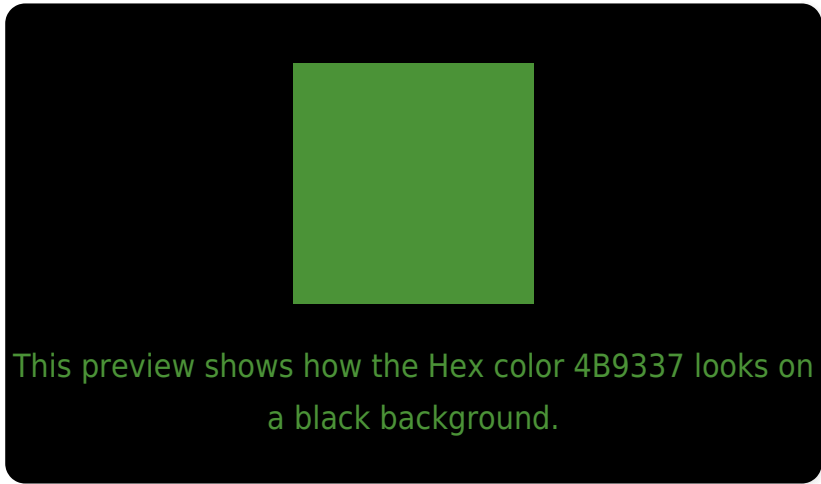
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B9337 Background



This preview shows how black text looks on a background with the Hex color 4B9337.



This preview shows how white text looks on a background with the Hex color 4B9337.

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
4B9337

Protanopia
918232

Deuteranopia
A17C3E



Tritanopia
5D8A95

Trichromacy



Original Color
4B9337



Protanomaly
788834



Deuteranomaly
82843B



Tritanomaly
568D73

Monochromacy



Original Color
4B9337



Achromatopsia
737373



Achromatomaly
647F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B9337 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 #4B9337 looks like.

```
.text, #text, p{  
    color:#4B9337  
}
```

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 #4B9337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B9337
}
```

Border

The CSS property to change the border of an element to Hex 4B9337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

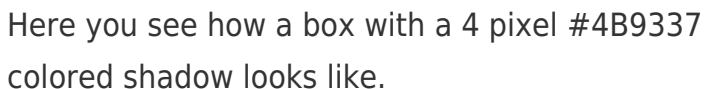
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B9337 }
```

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

```
.border{ border-color:#4B9337 }
```

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



Here you see how a box with a 4 pixel #4B9337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B9337; -webkit-box-shadow:4px 4px  
4px 4px #4B9337; box-shadow:4px 4px 4px  
4px #4B9337 }
```

Background

The CSS property to change the background color of an element to Hex 4B9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B9337 }
```

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

```
.background{ background-color:#4B9337 }
```

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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