

# Converting Colors

Hex(4B8900)

Have a look what the booklet for  
Hex(4B8900) contains.

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**Color**

**Hex(4B8900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B8900
RGB	75, 137, 0
RGB Percent	29%, 54%, 0%
CMY	0.7059, 0.4627, 1.0000
CMYK	0.45, 0.00, 1.00, 0.46
HSL	87°, 100%, 27%
HSV	87°, 100%, 54%
XYZ	11.8473, 19.3872, 3.1177
YIQ	102.8440, 7.0250, -55.7510

# Conversions

## Conversions Part 2

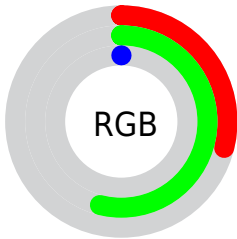
Format	Color
<a href="#">RYB</a>	<a href="#">0, 137, 62</a>
Decimal	<a href="#">4950272</a>
CIELab	<a href="#">51.14, -39.62, 54.57</a>
CIELCh	<a href="#">51, 67.434, 125.982</a>
Yxy	<a href="#">19.3872, 0.3449, 0.5644</a>
Android (android.graphics.Color)	<a href="#">4283140352</a> ( <a href="#">0xFF4B8900</a> )
YUV	<a href="#">102.8440, -50.7021, -24.4192</a>
Hunter-Lab	<a href="#">44.0309, -29.0253, 26.6235</a>

# Details

The Hex color **4B8900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E0089**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **82BF43**, and **0F5600** is the 20% darker color. If you saturate the color by 10%, you get **4B8900**, and if you desaturate by 10%, it is **51890E**.

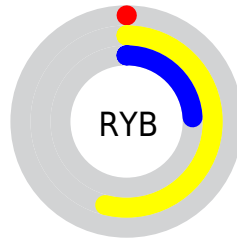
# Distribution



Red (29%)

Green (54%)

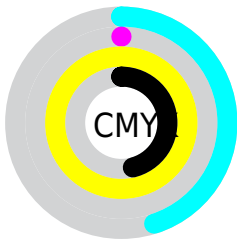
Blue (0%)



Red (0%)

Yellow (54%)

Blue (24%)

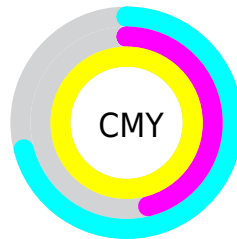


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (71%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B8900 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 4B8900 by changing the saturation by 10% instead.





4B8900



4B8900

FFFFFF



2F6F00



82BF43



0F5600



9EDB5D



003E00



BAF878



002900



D7FF93



000800



F5FFAF



000000



FFFFCB



FFFFE8



4B8900

 51890E

 57891B

 5E8929

 648937

 6A8945

 708952

 768960

 7D896E

 83897B

# Harmonies

## Analogous

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



897B00



4B8900



009048

# Triad

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



4B8900



008CE3



DE3671

# Complementary

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



4B8900



3E0089

# 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.



C746AA



4B8900



007DED

# Square

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



4B8900



0092BC



8765D8



D64939

# Rectangle

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



4B8900



009370



8765D8



DA3884



# Sweetspot

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



4B8900



9AB37D



893E00



4B5939



D9D9D9



595959



# Same Dimension

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



4B8900



62B300



078900



42453E



498500



030500



# Inverse Universe

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



3E0089



5100B3



820089



413E45



3C0085



020005



# Previews

## White Background



This preview shows how the Hex color 4B8900 looks on a white background.

## Color Contrast Check

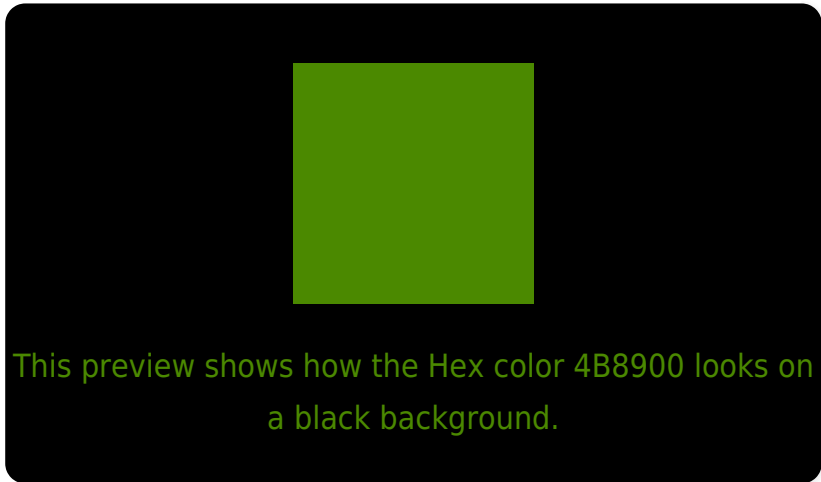
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B8900 Background



This preview shows how black text looks on a background with the Hex color 4B8900.



This preview shows how white text looks on a background with the Hex color 4B8900.

# 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**  
4B8900

**Protanopia**  
897A00

**Deuteranopia**  
99731C



**Tritanopia**  
5C7F8A

# Trichromacy



**Original Color**  
4B8900

**Protanomaly**  
727F00

**Deuteranomaly**  
7D7B12

**Tritanomaly**  
568358

# Monochromacy



**Original Color**  
4B8900

**Achromatopsia**  
676767

**Achromatomaly**  
5D7342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B8900 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 #4B8900 looks like.

```
.text, #text, p{  
    color:#4B8900  
}
```

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 #4B8900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8900
}
```

## Border

The CSS property to change the border of an element to Hex 4B8900 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".

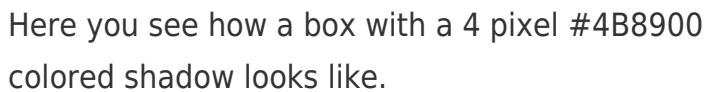
```
.border, #border, table{ border:4px solid
#4B8900 }
```

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

```
.border{ border-color:#4B8900 }
```

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

Here you see how a box with a 4 pixel #4B8900 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8900; -webkit-box-shadow:4px 4px  
4px 4px #4B8900; box-shadow:4px 4px 4px  
4px #4B8900 }
```

# Background

The CSS property to change the background color of an element to Hex 4B8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8900 }
```

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

```
.background{ background-color:#4B8900 }
```

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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