

# Converting Colors

Hex(4A8A08)

Have a look what the booklet for  
Hex(4A8A08) contains.

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**Color**

**Hex(4A8A08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A8A08
RGB	74, 138, 8
RGB Percent	29%, 54%, 3%
CMY	0.7098, 0.4588, 0.9686
CMYK	0.46, 0.00, 0.94, 0.46
HSL	90°, 89%, 29%
HSV	90°, 94%, 54%
XYZ	11.9563, 19.6503, 3.3925
YIQ	104.0440, 3.5860, -53.9980

# Conversions

## Conversions Part 2

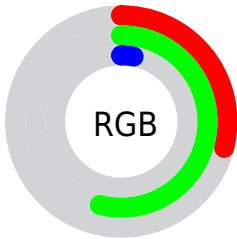
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 138, 72
Decimal	4885000
CIE Lab	51.44, -40.16, 53.34
CIE LCh	51, 66.769, 126.975
Yxy	19.6503, 0.3416, 0.5615
Android (android.graphics.Color)	4283075080 (0xFF4A8A08)
YUV	104.0440, -47.3497, -26.3486
Hunter-Lab	44.3287, -29.4302, 26.4926

# Details

The Hex color **4A8A08** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **48088A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **81C046**, and **0D5700** is the 20% darker color. If you saturate the color by 10%, you get **468A00**, and if you desaturate by 10%, it is **518A16**.

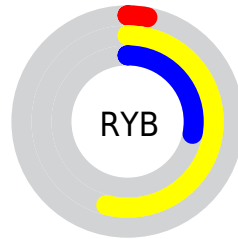
# Distribution



Red (29%)

Green (54%)

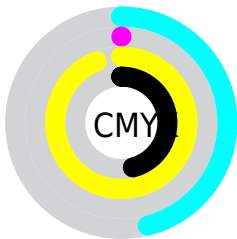
Blue (3%)



Red (3%)

Yellow (54%)

Blue (28%)

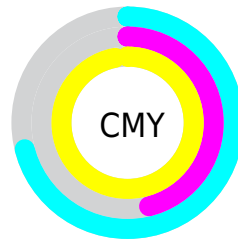


Cyan (46%)

Magenta (0%)

Yellow (94%)

Black (46%)



Cyan (71%)

Magenta (46%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A8A08 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 4A8A08 by changing the saturation by 10% instead.





4A8A08



4A8A08

FFFFFF



2E7000



81C046



0D5700



9DDC61



003F00



B9F97C



002A00



D6FF97



000A00



F4FFB3



000000



FFFFCF



FFF FEC



4A8A08



4A8A08

■ 468A00

■ 518A16

■ 588A24

■ 5E8A31

■ 658A3F

■ 6C8A4D

■ 738A5B

■ 7A8A69

■ 808A76

■ 878A84

# Harmonies

## Analogous

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



887C00



4A8A08



00914B

# Triad

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



4A8A08



008CE4



DE3970

# Complementary

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



4A8A08



48088A

# 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.



C847A8



4A8A08



007DED

# Square

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



4A8A08



0093BE



8B65D7



D64B39

# Rectangle

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



4A8A08



009373



8B65D7



DB3A83



# Sweetspot

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



4A8A08



9AB381



8A4708



4A593B



D9D9D9



595959



# Same Dimension

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



4A8A08



5BB300



0A8A08



41453E



438500



030500



# Inverse Universe

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



48088A



5800B3



88088A



413E45



410085



030005



# Previews

## White Background



This preview shows how the Hex color 4A8A08 looks on a white background.

## Color Contrast Check

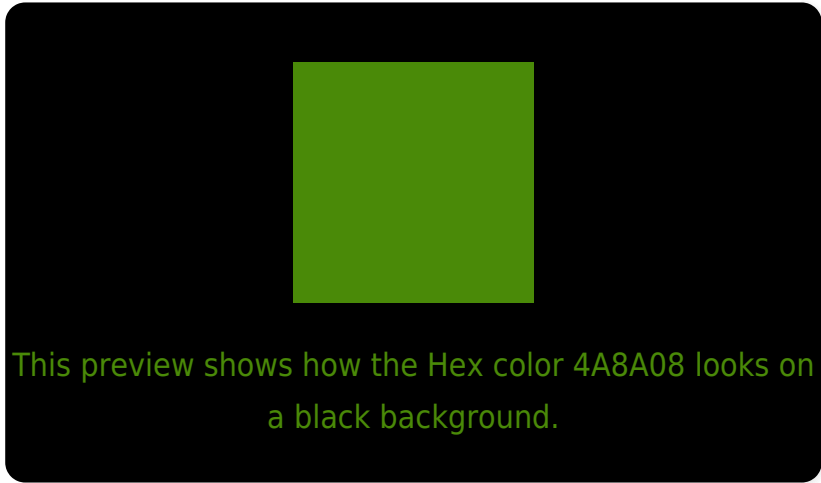
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A8A08 Background



This preview shows how black text looks on a background with the Hex color 4A8A08.



This preview shows how white text looks on a background with the Hex color 4A8A08.

# 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**  
4A8A08

**Protanopia**  
8A7A00

**Deuteranopia**  
9A741D



**Tritanopia**  
5B808B

# Trichromacy



**Original Color**  
4A8A08

**Protanomaly**  
738003

**Deuteranomaly**  
7D7C15

**Tritanomaly**  
55845B

# Monochromacy



**Original Color**  
4A8A08

**Achromatopsia**  
686868

**Achromatomaly**  
5D7445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A8A08 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 #4A8A08 looks like.

```
.text, #text, p{  
    color:#4A8A08  
}
```

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 #4A8A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8A08
}
```

## Border

The CSS property to change the border of an element to Hex 4A8A08 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
#4A8A08 }
```

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

```
.border{ border-color:#4A8A08 }
```

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

Here you see how a box with a 4 pixel #4A8A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8A08; -webkit-box-shadow:4px 4px  
4px 4px #4A8A08; box-shadow:4px 4px 4px  
4px #4A8A08 }
```

# Background

The CSS property to change the background color of an element to Hex 4A8A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8A08 }
```

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

```
.background{ background-color:#4A8A08 }
```

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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