

# Converting Colors

Hex(4A8A07)

Have a look what the booklet for  
Hex(4A8A07) contains.

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**Color**

**Hex(4A8A07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A8A07
RGB	74, 138, 7
RGB Percent	29%, 54%, 3%
CMY	0.7098, 0.4588, 0.9725
CMYK	0.46, 0.00, 0.95, 0.46
HSL	89°, 90%, 28%
HSV	89°, 95%, 54%
XYZ	11.9509, 19.6481, 3.3636
YIQ	103.9300, 3.9070, -54.3090

# Conversions

## Conversions Part 2

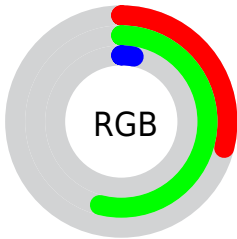
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 138, 71
Decimal	4884999
CIE Lab	51.44, -40.19, 53.52
CIE LCh	51, 66.925, 126.904
Yxy	19.6481, 0.3418, 0.5620
Android (android.graphics.Color)	4283075079 (0xFF4A8A07)
YUV	103.9300, -47.7865, -26.2486
Hunter-Lab	44.3262, -29.4452, 26.5293

# Details

The Hex color **4A8A07** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **47078A**, and the grayscale version is **686868**.

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 **478A00**, and if you desaturate by 10%, it is **518A15**.

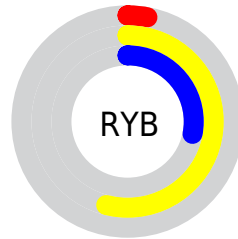
# Distribution



Red (29%)

Green (54%)

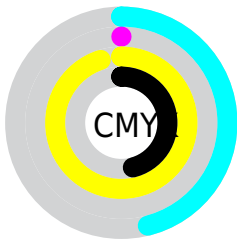
Blue (3%)



Red (3%)

Yellow (54%)

Blue (28%)

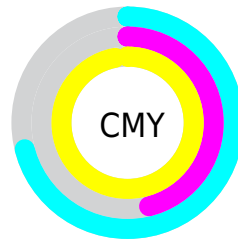


Cyan (46%)

Magenta (0%)

Yellow (95%)

Black (46%)



Cyan (71%)

Magenta (46%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A8A07 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 4A8A07 by changing the saturation by 10% instead.





4A8A07



4A8A07

FFFFFF



2D7000



81C046



0D5700



9DDC60



003F00



B9F97B



002A00



D6FF96



000A00



F4FFB2



000000



FFFFCE



FFFFEB



4A8A07



4A8A07

■ 478A00

■ 518A15

■ 578A23

■ 5E8A30

■ 658A3E

■ 6C8A4C

■ 728A5A

■ 798A68

■ 808A75

■ 878A83

# Harmonies

## Analogous

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



887C00



4A8A07



00914B

# Triad

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



4A8A07



008CE4



DF3870

# Complementary

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



4A8A07



47078A

# 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.



C847A9



4A8A07



007DED

# Square

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



4A8A07



0093BE



8B65D7



D64B39

# Rectangle

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



4A8A07



009473



8B65D7



DB3A83



# Sweetspot

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



4A8A07



9AB381



8A4607



4A593B



D9D9D9



595959



# Same Dimension

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



4A8A07



5BB300



098A07



41453E



448500



030500



# Inverse Universe

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



47078A



5700B3



88078A



413E45



410085



020005



# Previews

## White Background



This preview shows how the Hex color 4A8A07 looks on a white background.

## Color Contrast Check

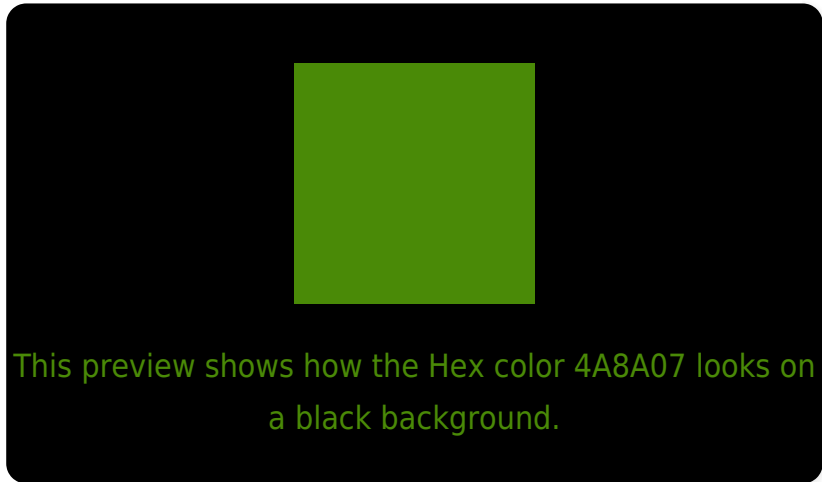
Large Text (above 18pt) WCAG AA ✓ Pass

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 4A8A07 Background



This preview shows how black text looks on a background with the Hex color 4A8A07.



This preview shows how white text looks on a background with the Hex color 4A8A07.

# 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**  
4A8A07

**Deuteranopia**  
9A741C

**Tritanopia**  
5B808B

# Trichromacy



**Original Color**  
4A8A07



**Deuteranomaly**  
7D7C14



**Tritanomaly**  
55845B

# Monochromacy



**Original Color**  
4A8A07



**Achromatopsia**  
686868



**Achromatomaly**  
5D7445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A8A07 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 #4A8A07 looks like.

```
.text, #text, p{  
    color:#4A8A07  
}
```

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 #4A8A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A8A07
}
```

## Border

The CSS property to change the border of an element to Hex 4A8A07 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".

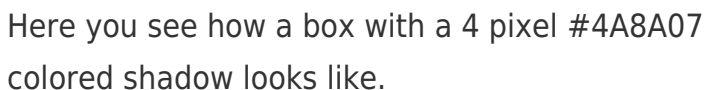
```
.border, #border, table{ border:4px solid
#4A8A07 }
```

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

```
.border{ border-color:#4A8A07 }
```

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

Here you see how a box with a 4 pixel #4A8A07 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A8A07; -webkit-box-shadow:4px 4px  
4px 4px #4A8A07; box-shadow:4px 4px 4px  
4px #4A8A07 }
```

# Background

The CSS property to change the background color of an element to Hex 4A8A07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A8A07 }
```

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

```
.background{ background-color:#4A8A07 }
```

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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