

Converting Colors

Hex(4A4A07)

Have a look what the booklet for
Hex(4A4A07) contains.

Hex(4A4A07)	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(4A4A07)

Conversions

Conversions Part 1

Format	Color
Hex	4A4A07
RGB	74, 74, 7
RGB Percent	29%, 29%, 3%
CMY	0.7098, 0.7098, 0.9725
CMYK	0.00, 0.00, 0.91, 0.71
HSL	60°, 83%, 16%
HSV	60°, 91%, 29%
XYZ	5.3112, 6.3687, 1.1504
YIQ	66.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

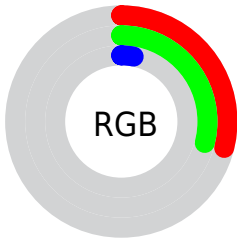
Format	Color
R_{YB}	7, 74, 7
Decimal	4868615
CIE Lab	30.32, -8.52, 35.98
CIE LCh	30, 36.978, 103.318
Yxy	6.3687, 0.4140, 0.4964
Android (android.graphics.Color)	4283058695 (0xFF4A4A07)
YUV	66.3620, -29.2655, 6.6985
Hunter-Lab	25.2364, -6.5971, 14.9628

Details

The Hex color **4A4A07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07074A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7D7A38**, and **1A1F00** is the 20% darker color. If you saturate the color by 10%, you get **4A4A00**, and if you desaturate by 10%, it is **4A4A0E**.

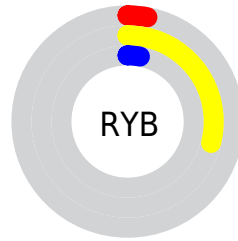
Distribution



Red (29%)

Green (29%)

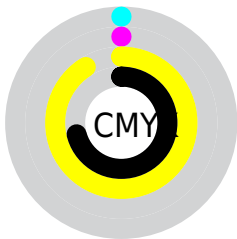
Blue (3%)



Red (3%)

Yellow (29%)

Blue (3%)

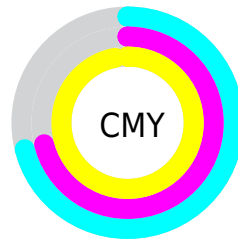


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (71%)



Cyan (71%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4A07 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 4A4A07 by changing the saturation by 10% instead.

 4A4A07

 4A4A07

 FFFFF2

 333300

 7D7A38

 1A1F00

 989451

 000200

 B3AF6A

 000000

 D0CA83

 ECE69E

 FFFFB9

 FFFF5D

 4A4A07

 4A4A07

■ 4A4A00

■ 4A4A0E

■ 4A4A16

■ 4A4A1D

■ 4A4A25

■ 4A4A2C

■ 4A4A33

■ 4A4A3B

■ 4A4A42

■ 4A4A4A

Harmonies

Analogous

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



63400C



4A4A07



29511A

Triad

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



4A4A07



00546E



732F59

Complementary

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



4A4A07



07074A

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.



593A72



4A4A07



004F7E

Square

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



4A4A07



005554



254680



7C2C3C

Rectangle

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



4A4A07



00532C



254680



6D3262

Sweetspot

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



4A4A07



616147



4A0707



303021



B0B0B0



303030

Same Dimension

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



4A4A07



616100



294A07



262622



666600



E6E600

Inverse Universe

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



07074A



000061



29074A



222226



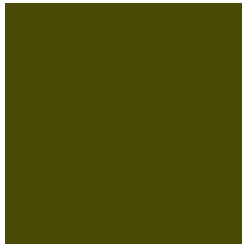
000066



0000E6

Previews

White Background



This preview shows how the Hex color 4A4A07 looks on a white background.

Color Contrast Check

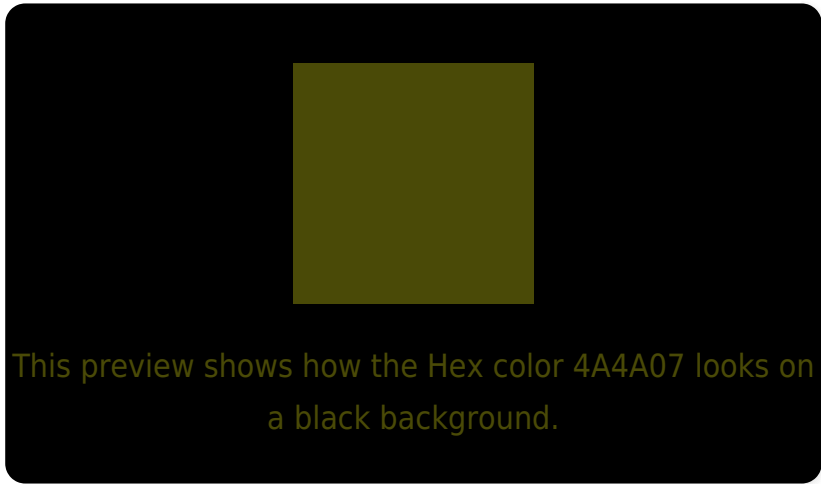
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

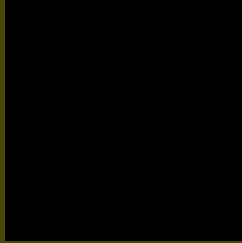
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4A4A07 Background



This preview shows how black text looks on a background with the Hex color 4A4A07.



This preview shows how white text looks on a background with the Hex color 4A4A07.

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

4A4A07

Protanopia

514806

Deuteranopia

5A440D



Tritanopia
4F454A

Trichromacy



Original Color
4A4A07

Protanomaly
4E4906

Deuteranomaly
54460B

Tritanomaly
4D4732

Monochromacy



Original Color
4A4A07

Achromatopsia
424242

Achromatomaly
45452D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4A07 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 #4A4A07 looks like.

```
.text, #text, p{  
    color:#4A4A07  
}
```

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 #4A4A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4A07
}
```

Border

The CSS property to change the border of an element to Hex 4A4A07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

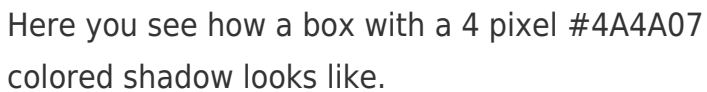
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4A07 }
```

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

```
.border{ border-color:#4A4A07 }
```

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



Here you see how a box with a 4 pixel #4A4A07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4A07; -webkit-box-shadow:4px 4px  
4px 4px #4A4A07; box-shadow:4px 4px 4px  
4px #4A4A07 }
```

Background

The CSS property to change the background color of an element to Hex 4A4A07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4A07 }
```

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

```
.background{ background-color:#4A4A07 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor