

# Converting Colors

Hex(A4840D)

Have a look what the booklet for  
Hex(A4840D) contains.

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**Color**

**Hex(A4840D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4840D
RGB	164, 132, 13
RGB Percent	64%, 52%, 5%
CMY	0.3569, 0.4824, 0.9490
CMYK	0.00, 0.20, 0.92, 0.36
HSL	47°, 85%, 35%
HSV	47°, 92%, 64%
XYZ	23.6338, 24.4241, 3.8495
YIQ	128.0020, 57.2710, -30.2250

# Conversions

## Conversions Part 2

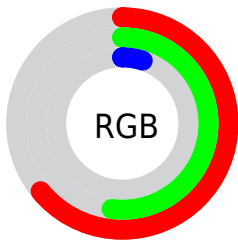
Format	Color
<a href="#">RYB</a>	<a href="#">54, 164, 13</a>
Decimal	<a href="#">10781709</a>
CIELab	<a href="#">56.51, 1.87, 59.38</a>
CIElCh	<a href="#">57, 59.405, 88.195</a>
Yxy	<a href="#">24.4241, 0.4553, 0.4705</a>
Android (android.graphics.Color)	<a href="#">4288971789 (0xFFA4840D)</a>
YUV	<a href="#">128.0020, -56.6960, 31.5702</a>
Hunter-Lab	<a href="#">49.4207, -1.1249, 29.9763</a>

# Details

The Hex color **A4840D** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0D2DA4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **DFB94A**, and **6C5300** is the 20% darker color. If you saturate the color by 10%, you get **A48100**, and if you desaturate by 10%, it is **A4871D**.

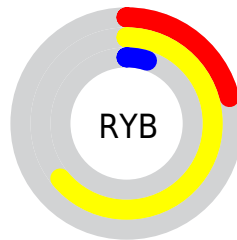
# Distribution



Red (64%)

Green (52%)

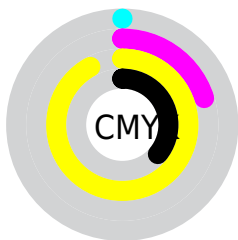
Blue (5%)



Red (21%)

Yellow (64%)

Blue (5%)

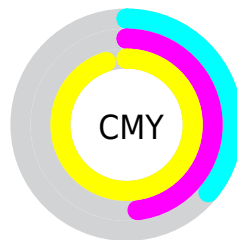


Cyan (0%)

Magenta (20%)

Yellow (92%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4840D 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 A4840D by changing the saturation by 10% instead.



 A4840D

 A4840D

FFFFFF

 876B00

 DFB94A

 6C5300

 FDD465

 503C00

 FFF07F

 362700

 FFFF9B

 1D1300

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 A4840D

 A4840D

■ A48100

■ A4871D

■ A48B2E

■ A48E3E

■ A4924F

■ A4955F

■ A4996F

■ A49C80

■ A4A090

■ A4A3A1

# Harmonies

## Analogous

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



CB702E



A4840D



719321

# Triad

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



A4840D



009FB7



C364BF

# Complementary

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



A4840D



0D2DA4

# 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.



817BE3



A4840D



009ADF

# Square

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



A4840D



00A083



008FEF



E1558D

# Rectangle

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



A4840D



44993E



008FEF



B16CCD



# Sweetspot

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



A4840D



D6C99A



A40D2E



6B6347



EBEBEB



6B6B6B



# Same Dimension

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



A4840D



D6A900



79A40D



525049



917300



120E00



# Inverse Universe

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



0D2DA4



002DD6



380DA4



494B52



001F91

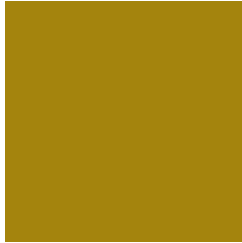


000412



# Previews

## White Background



This preview shows how the Hex color A4840D 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 A4840D Background



This preview shows how black text looks on a background with the Hex color A4840D.

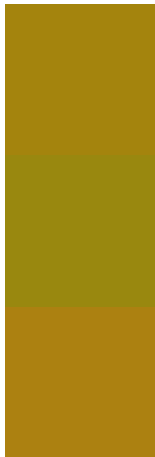


This preview shows how white text looks on a background with the Hex color A4840D.

# 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**  
A4840D

**Protanopia**  
99880F

**Deuteranopia**  
AC8111



**Tritanopia**  
AB7B84

# Trichromacy



**Original Color**  
A4840D

**Protanomaly**  
9D870E

**Deuteranomaly**  
A98210

**Tritanomaly**  
A87E59

# Monochromacy



**Original Color**  
A4840D

**Achromatopsia**  
808080

**Achromatomaly**  
8D8156

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4840D 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 #A4840D looks like.

```
.text, #text, p{  
    color:#A4840D  
}
```

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 #A4840D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4840D
}
```

## Border

The CSS property to change the border of an element to Hex A4840D 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
#A4840D }
```

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

```
.border{ border-color:#A4840D }
```

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

Here you see how a box with a 4 pixel #A4840D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4840D; -webkit-box-shadow:4px 4px  
4px 4px #A4840D; box-shadow:4px 4px 4px  
4px #A4840D }
```

# Background

The CSS property to change the background color of an element to Hex A4840D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4840D }
```

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

```
.background{ background-color:#A4840D }
```

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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