

# Converting Colors

Hex(A4AF44)

Have a look what the booklet for  
Hex(A4AF44) contains.

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# **Color**

**Hex(A4AF44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4AF44
RGB	164, 175, 68
RGB Percent	64%, 69%, 27%
CMY	0.3569, 0.3137, 0.7333
CMYK	0.06, 0.00, 0.61, 0.31
HSL	66°, 44%, 48%
HSV	66°, 61%, 69%
XYZ	31.6832, 38.9698, 11.3209
YIQ	159.5130, 27.7910, -35.6090

# Conversions

## Conversions Part 2

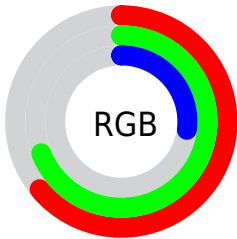
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 175, 79</a>
Decimal	<a href="#">10792772</a>
CIELab	<a href="#">68.73, -18.53, 52.04</a>
CIELCh	<a href="#">69, 55.240, 109.599</a>
Yxy	<a href="#">38.9698, 0.3865, 0.4754</a>
Android (android.graphics.Color)	<a href="#">4288982852 (0xFFA4AF44)</a>
YUV	<a href="#">159.5130, -45.1159, 3.9351</a>
Hunter-Lab	<a href="#">62.4258, -18.6504, 32.9459</a>

# Details

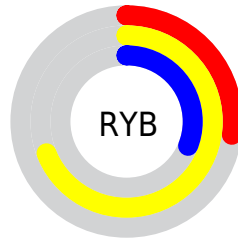
The Hex color **A4AF44** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F44AF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **DDE679**, and **6D7B08** is the 20% darker color. If you saturate the color by 10%, you get **A2AF33**, and if you desaturate by 10%, it is **A6AF56**.

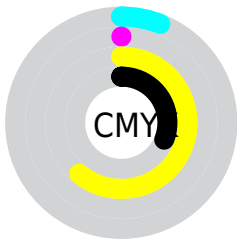
# Distribution



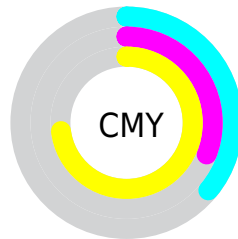
- Red (64%)
- Green (69%)
- Blue (27%)



- Red (27%)
- Yellow (69%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (61%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4AF44 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 A4AF44 by changing the saturation by 10% instead.





A4AF44



A4AF44

FFFFFF



889429



DDE679



6D7B08



FAFF93



536200



FFFFAF



3A4A00



FFFF00



203300



FFF000



011F00



000000



A4AF44



A4AF44



A2AF33



A6AF56

 A0AF21

 A8AF67

 9FAF10

 A9AF79

 9DAF00

 ABAF8A

 ADAF9C

 AFAFAD

 B1AFBF

 B2AFD0

 B4AFE2

# Harmonies

## Analogous

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



D39F42



A4AF44



69BA64

# Triad

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



A4AF44



00BCF3



FB7EBB

# Complementary

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



A4AF44



4F44AF

# 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.



D48DE9



A4AF44



00B2FF

# Square

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



A4AF44



00C0C8



8DA1FF



FF7E89

# Rectangle

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



A4AF44



28BE83



8DA1FF



F182CC



# Sweetspot

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



A4AF44



DFE3BA



AF4F44



70735A



F2F2F2



737373



# Same Dimension

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



A4AF44



D2E33D



6FAF44



56574E



879600



151700



# Inverse Universe

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



4F44AF



4E3DE3



8444AF



4F4E57



0F0096



020017



# Previews

## White Background



This preview shows how the Hex color A4AF44 looks on a white background.

## Color Contrast Check

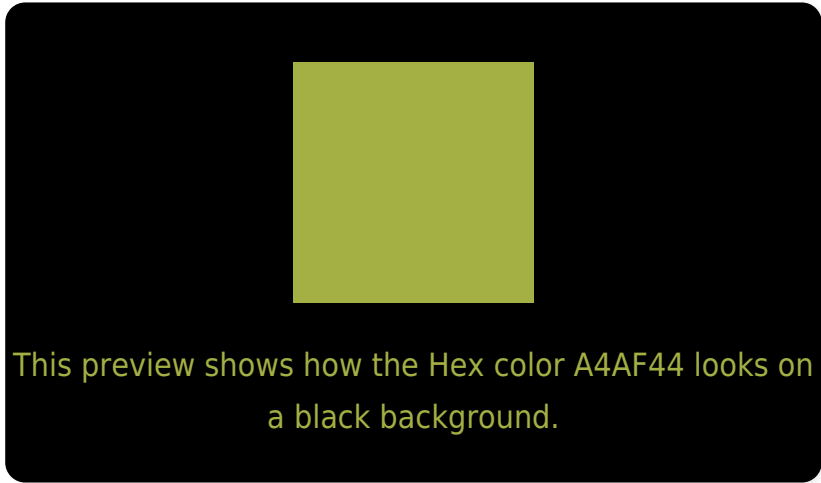
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex A4AF44 Background



This preview shows how black text looks on a background with the Hex color A4AF44.



This preview shows how white text looks on a background with the Hex color A4AF44.

# 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**  
A4AF44

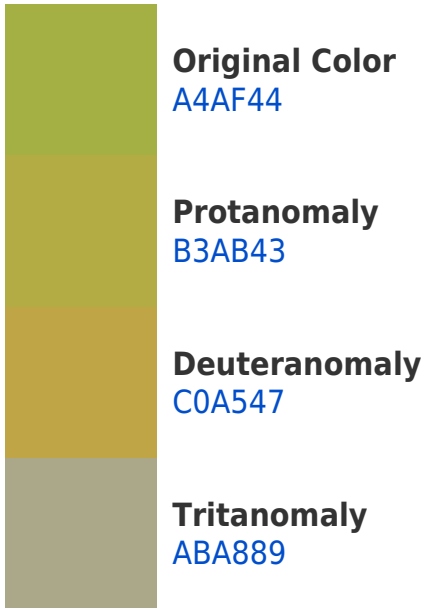
**Protanopia**  
BBA842

**Deuteranopia**  
D09F49

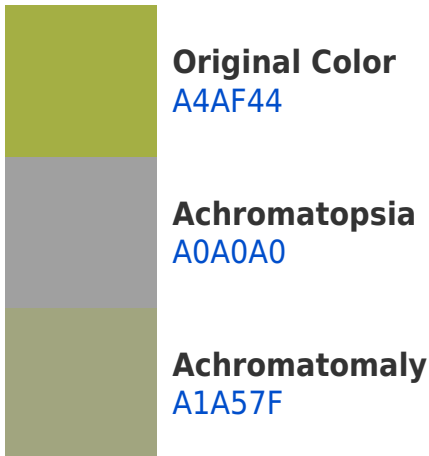


**Tritanopia**  
AFA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4AF44 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 #A4AF44 looks like.

```
.text, #text, p{  
    color:#A4AF44  
}
```

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 #A4AF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4AF44
}
```

## Border

The CSS property to change the border of an element to Hex A4AF44 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
#A4AF44 }
```

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

```
.border{ border-color:#A4AF44 }
```

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

Here you see how a box with a 4 pixel #A4AF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4AF44; -webkit-box-shadow:4px 4px  
4px 4px #A4AF44; box-shadow:4px 4px 4px  
4px #A4AF44 }
```

# Background

The CSS property to change the background color of an element to Hex A4AF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4AF44 }
```

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

```
.background{ background-color:#A4AF44 }
```

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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