

# Converting Colors

Hex(AAAD64)

Have a look what the booklet for  
Hex(AAAD64) contains.

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# **Color**

**Hex(AAAD64)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AAAD64                      |
| RGB         | 170, 173, 100               |
| RGB Percent | 67%, 68%, 39%               |
| CMY         | 0.3333, 0.3216, 0.6078      |
| CMYK        | 0.02, 0.00, 0.42, 0.32      |
| HSL         | 62°, 31%, 54%               |
| HSV         | 62°, 42%, 68%               |
| XYZ         | 33.8214, 39.3533, 17.8700   |
| YIQ         | 163.7810, 21.6450, -23.3390 |

# Conversions

## Conversions Part 2

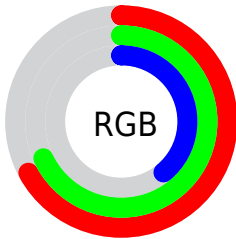
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">100, 173, 103</a>                  |
| Decimal                             | <a href="#">11185508</a>                       |
| CIELab                              | <a href="#">69.01, -12.09, 37.06</a>           |
| CIElCh                              | <a href="#">69, 38.985, 108.072</a>            |
| Yxy                                 | <a href="#">39.3533, 0.3715,<br/>0.4322</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289375588<br/>(0xFFFAAD64)</a>    |
| YUV                                 | <a href="#">163.7810, -31.4440,<br/>5.4541</a> |
| Hunter-Lab                          | <a href="#">62.7322, -13.5450,<br/>27.0231</a> |

# Details

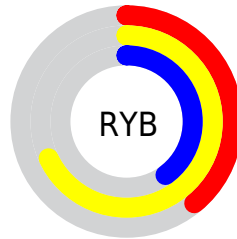
The Hex color **AAAD64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6764AD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **E2E498**, and **747933** is the 20% darker color. If you saturate the color by 10%, you get **A9AD53**, and if you desaturate by 10%, it is **ABAD75**.

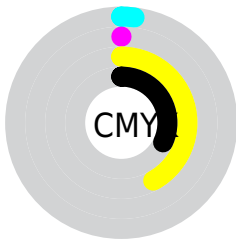
# Distribution



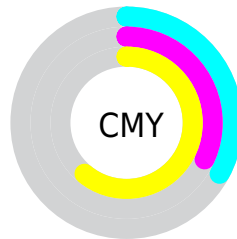
- Red (67%)
- Green (68%)
- Blue (39%)



- Red (39%)
- Yellow (68%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAAD64 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 AAAD64 by changing the saturation by 10% instead.



■ AAAD64

■ AAAD64

FFFFFF

■ 8F924B

■ E2E498

■ 747933

■ FFFFB3

■ 5B601B

■ FFFFCF

■ 424801

■ FFFFEC

■ 2A3200

■ 111D00

■ 000000

■ AAAD64

■ AAAD64

■ A9AD53

■ ABAD75

 A9AD41

 ABAD87

 A8AD30

 ACAD98

 A7AD1F

 ADADA9

 A6AD0D

 AEADBB

 A6AD00

 AEADCC

 AFADDD

 B0ADEE

 B0ADFF

# Harmonies

## Analogous

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



CCA163



AAAD64



82B678

# Triad

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



AAAD64



00B8DC



E48EB8

# Complementary

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



AAAD64



6764AD

# 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.



C798D8



AAAD64



5AB0ED

# Square

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



AAAD64



0EBBD



97A4EB



ED8D94

# Rectangle

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



AAAD64



64B98D



97A4EB



DC91C4



# Sweetspot

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



AAAD64



DFE0C3



AD6664



6F705E



F0F0F0



707070



# Same Dimension

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



AAAD64



DCE06E



86AD64



56574E



909600



161700



# Inverse Universe

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



6764AD



736EE0



8B64AD



4E4E57



060096



010017



# Previews

## White Background



This preview shows how the Hex color AAAD64 looks on a white background.

## Color Contrast Check

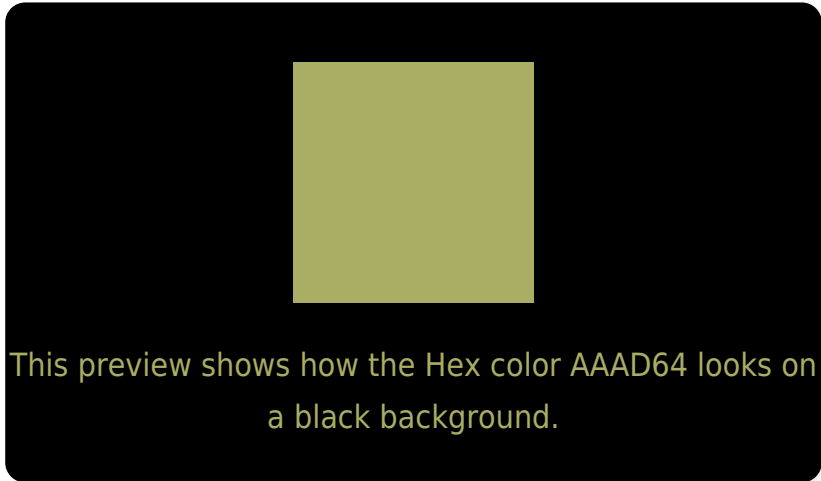
Large Text (above 18pt) WCAG AA × Fail

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

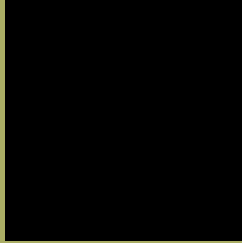
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAAD64 Background



This preview shows how black text looks on a background with the Hex color AAAD64.

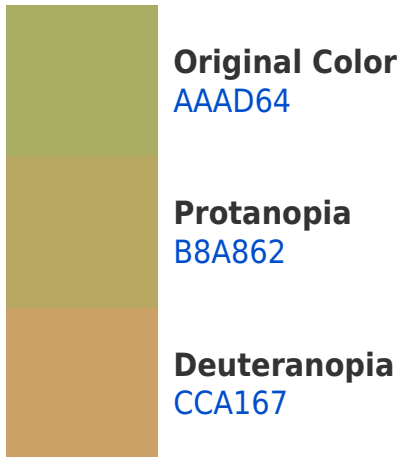


This preview shows how white text looks on a background with the Hex color AAAD64.

# 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](#).

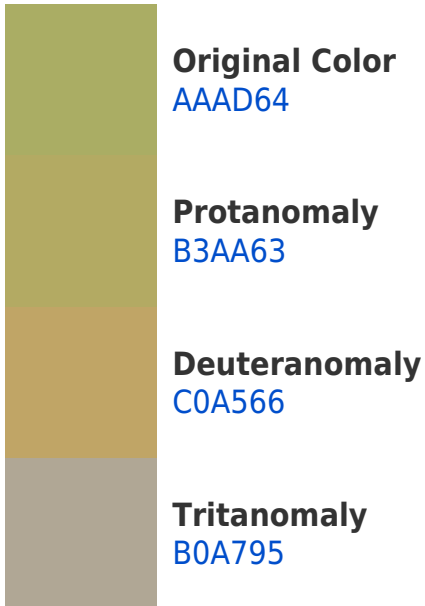
## Dichromacy



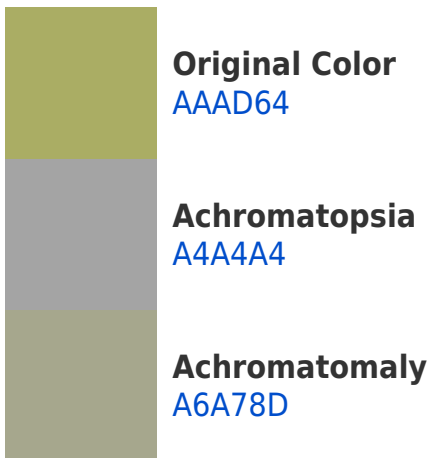


**Tritanopia**  
B3A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAAD64 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 #AAAD64 looks like.

```
.text, #text, p{  
    color:#AAAD64  
}
```

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 #AAAD64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAAD64  
}
```

## Border

The CSS property to change the border of an element to Hex AAAD64 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  
#AAAD64 }
```

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

```
.border{ border-color:#AAAD64 }
```

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

Here you see how a box with a 4 pixel #AAAD64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAAD64; -webkit-box-shadow:4px 4px  
4px 4px #AAAD64; box-shadow:4px 4px 4px  
4px #AAAD64 }
```

# Background

The CSS property to change the background color of an element to Hex AAAD64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAAD64 }
```

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

```
.background{ background-color:#AAAD64 }
```

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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