

# Converting Colors

Hex(AACA92)

Have a look what the booklet for  
Hex(AACA92) contains.

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# **Color**

**Hex(AACA92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AACA92
RGB	170, 202, 146
RGB Percent	67%, 79%, 57%
CMY	0.3333, 0.2078, 0.4275
CMYK	0.16, 0.00, 0.28, 0.21
HSL	94°, 35%, 68%
HSV	94°, 28%, 79%
XYZ	42.8864, 52.8624, 35.1372
YIQ	186.0480, -1.0960, -24.2000

# Conversions

## Conversions Part 2

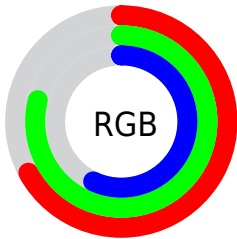
Format	Color
<a href="#">RYB</a>	<a href="#">146, 202, 178</a>
Decimal	<a href="#">11192978</a>
CIELab	<a href="#">77.79, -20.78, 24.53</a>
CIELCh	<a href="#">78, 32.152, 130.274</a>
Yxy	<a href="#">52.8624, 0.3277, 0.4039</a>
Android (android.graphics.Color)	<a href="#">4289383058</a> ( <a href="#">0xFFAACA92</a> )
YUV	<a href="#">186.0480, -19.7437, -14.0741</a>
Hunter-Lab	<a href="#">72.7066, -21.9472, 22.2412</a>

# Details

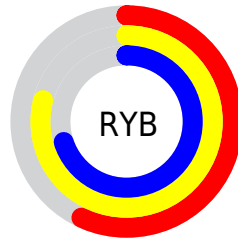
The Hex color **AACA92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B292CA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E2FFC8**, and **75945F** is the 20% darker color. If you saturate the color by 10%, you get **9ECA7E**, and if you desaturate by 10%, it is **B6CAA6**.

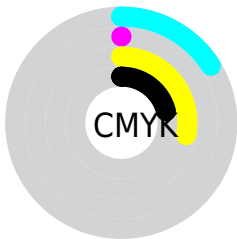
# Distribution



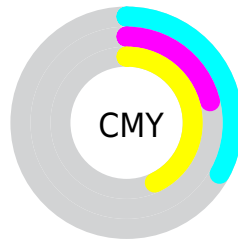
- Red (67%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAC92 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 AAC92 by changing the saturation by 10% instead.



 AACA92

 AACA92

FFFFFF

 8FAF78

 E2FFC8

 75945F

 FFFFE4

 5C7A47

 436130

 2C491A

 163201

 001E00

 000000

 AACA92

 AACA92

 9ECA7E

 B6CAA6

 93CA6A

 C1CABA

 87CA55

 CDCACF

 7CCA41

 D8CAE3

 70CA2D

 E4CAF7

 65CA19

 EFCAFF

 59CA05

 FBCAFF

 57CA00

 FFCAFF

# Harmonies

## Analogous

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



CBC285



AACA92



87CFAB

# Triad

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



AACA92



7EC9F8



FCAAB7

# Complementary

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



AAC992



B292CA

# 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.



EFADD5



AACA92



A9C0FB

# Square

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



AACA92



63CFE6



D2B5EE



F8AF9B

# Rectangle

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



AACA92



72D1C0



D2B5EE



F9AAC1



# Sweetspot

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



AACA92



F3FFEB



CAB292



788073



000000



808080

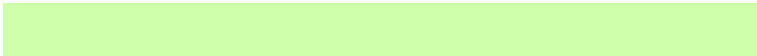


# Same Dimension

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



AACA92



CFF FAB



92CA96



60665C



47A600



102600



# Inverse Universe

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



B292CA



DBABFF



CA92C6



625C66



5F00A6

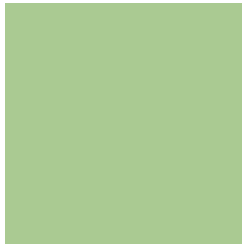


160026



# Previews

## White Background



This preview shows how the Hex color AAC992 looks on a white background.

## Color Contrast Check

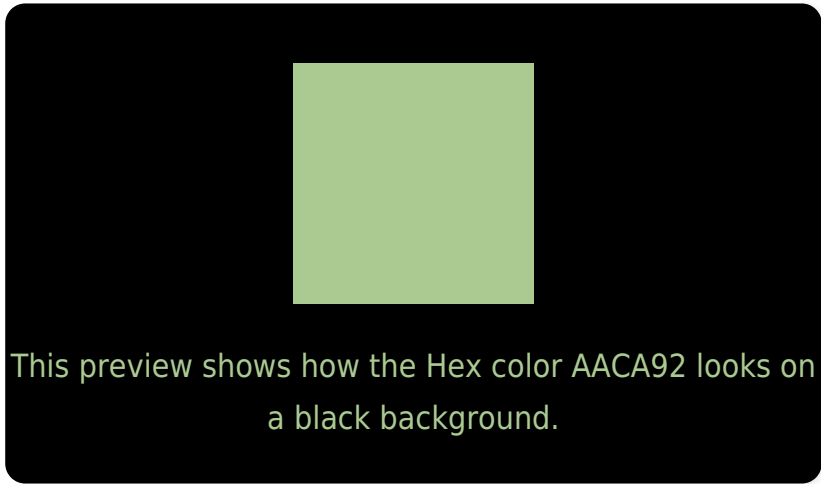
Large Text (above 18pt) WCAG AA × Fail

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

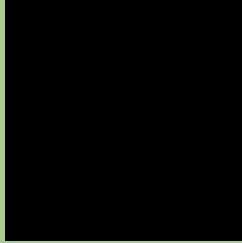
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAC92 Background



This preview shows how black text looks on a background with the Hex color AAC92.

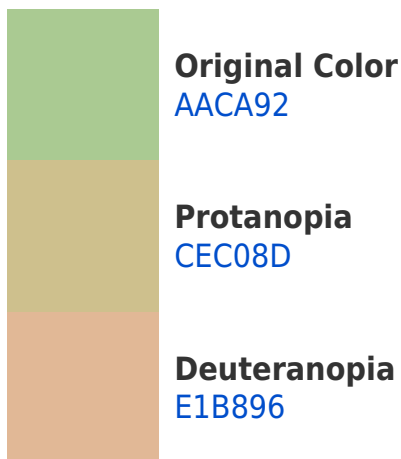


This preview shows how white text looks on a background with the Hex color AAC92.

# 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](#).

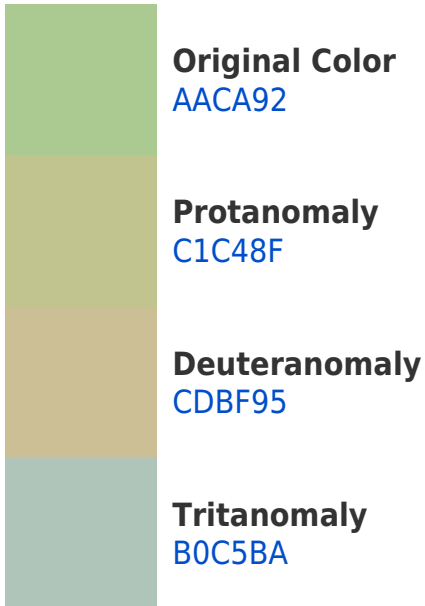
## Dichromacy



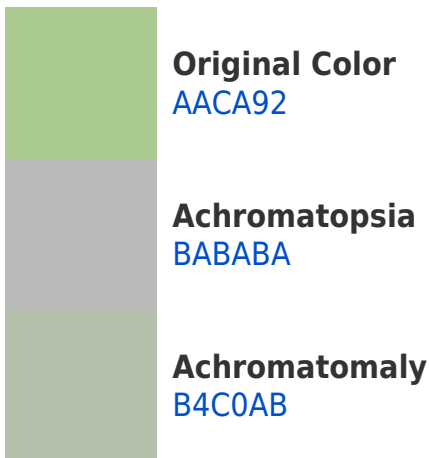


**Tritanopia**  
B4C2D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AACA92 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 #AACA92 looks like.

```
.text, #text, p{  
    color:#AACA92  
}
```

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 #AACA92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AACA92
}
```

## Border

The CSS property to change the border of an element to Hex AACA92 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
#AACA92 }
```

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

```
.border{ border-color:#AACA92 }
```

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

Here you see how a box with a 4 pixel #AACA92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AACA92; -webkit-box-shadow:4px 4px  
4px 4px #AACA92; box-shadow:4px 4px 4px  
4px #AACA92 }
```

# Background

The CSS property to change the background color of an element to Hex AACA92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AACA92 }
```

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

```
.background{ background-color:#AACA92 }
```

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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