

# Converting Colors

Hex(A99A55)

Have a look what the booklet for  
Hex(A99A55) contains.

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**Color**

**Hex(A99A55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A99A55
RGB	169, 154, 85
RGB Percent	66%, 60%, 33%
CMY	0.3373, 0.3961, 0.6667
CMYK	0.00, 0.09, 0.50, 0.34
HSL	49°, 33%, 50%
HSV	49°, 50%, 66%
XYZ	29.5575, 32.2021, 13.2521
YIQ	150.6190, 31.0890, -18.2790

# Conversions

## Conversions Part 2

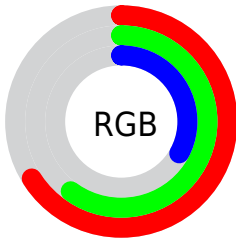
Format	Color
<a href="#">RYB</a>	<a href="#">103, 169, 85</a>
Decimal	<a href="#">11115093</a>
CIELab	<a href="#">63.51, -3.96, 37.97</a>
CIELCh	<a href="#">64, 38.177, 95.959</a>
Yxy	<a href="#">32.2021, 0.3940, 0.4293</a>
Android (android.graphics.Color)	<a href="#">4289305173 (0xFFA99A55)</a>
YUV	<a href="#">150.6190, -32.3502, 16.1201</a>
Hunter-Lab	<a href="#">56.7469, -6.3326, 25.8768</a>

# Details

The Hex color **A99A55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5564A9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **E2D088**, and **736725** is the 20% darker color. If you saturate the color by 10%, you get **A99744**, and if you desaturate by 10%, it is **A99D66**.

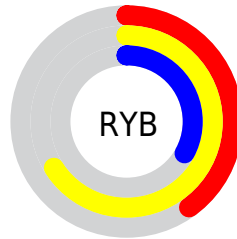
# Distribution



Red (66%)

Green (60%)

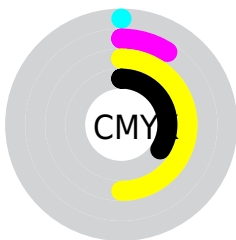
Blue (33%)



Red (40%)

Yellow (66%)

Blue (33%)

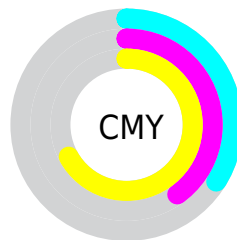


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A99A55 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 A99A55 by changing the saturation by 10% instead.



 A99A55

 A99A55

FFFFFF

 8E803D

 E2D088

 736725

 FFECA3

 594F0B

 FFFFBE

 403900

 FFFFDA

 282300

 FFFFF7

 090F00

 000000

 A99A55

 A99A55

 A99744

 A99D66

 A99433

 A9A077

 A99122

 A9A388

 A98E11

 A9A699

 A98B01

 A9A9A9

 A98B00

 A9ACBA

 A9AFCB

 A9B2DC

 A9B5ED

# Harmonies

## Analogous

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



C68E5C



A99A55



85A361

# Triad

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



A99A55



00AAC1



CA83B6

# Complementary

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



A99A55



5564A9

# 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.



A68ED1



A99A55



2AA5D7

# Square

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



A99A55



1CACA0



729BDD



DA7F94

# Rectangle

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



A99A55



69A873



729BDD



C086C0



# Sweetspot

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



A99A55



DBD5BA



A95564



6E6A5A



EDEDED



6E6E6E



# Same Dimension

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



A99A55



DBC458



8EA955



54534C



947900



141100



# Inverse Universe

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



5564A9



586FDB



7055A9



4C4D54



001A94



000414



# Previews

## White Background



This preview shows how the Hex color A99A55 looks on a white background.

## Color Contrast Check

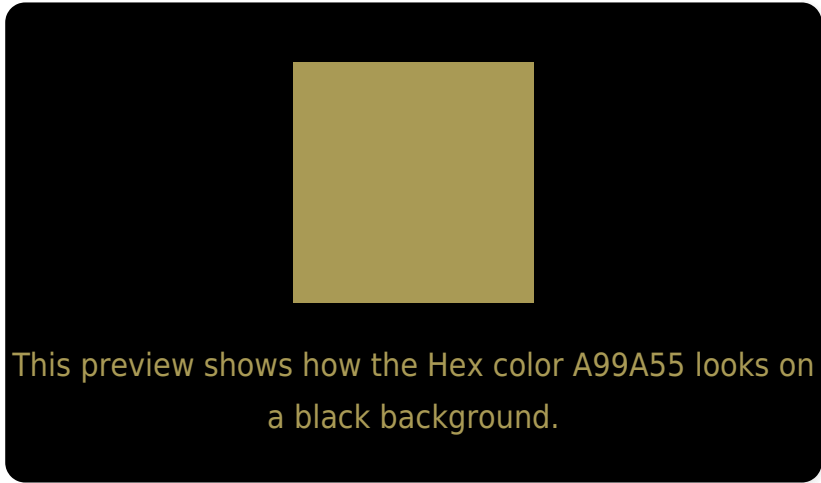
Large Text (above 18pt) WCAG AA × Fail

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

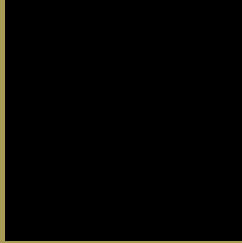
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A99A55 Background



This preview shows how black text looks on a background with the Hex color A99A55.

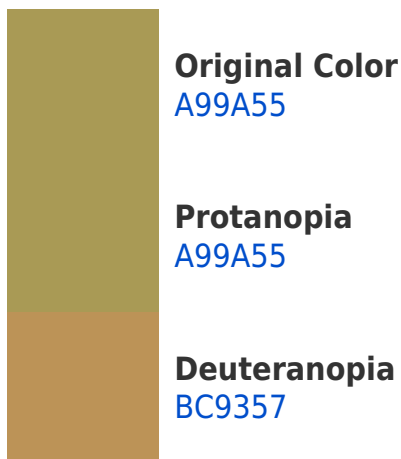


This preview shows how white text looks on a background with the Hex color A99A55.

# 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](#).

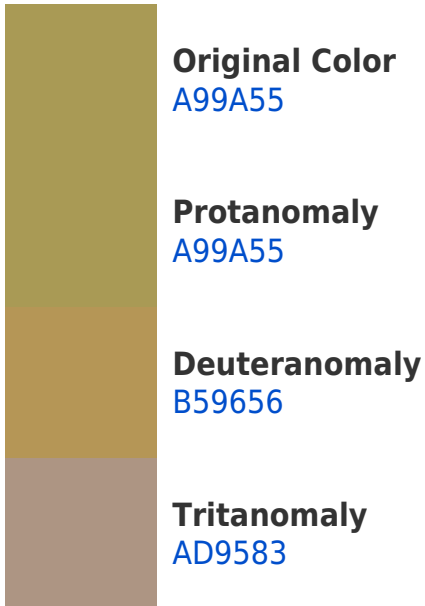
## Dichromacy



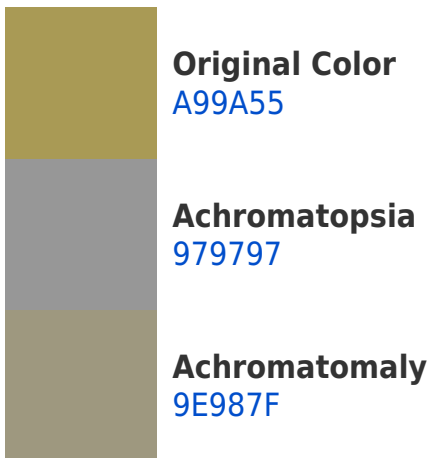


**Tritanopia**  
B0929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A99A55 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 #A99A55 looks like.

```
.text, #text, p{  
    color:#A99A55  
}
```

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 #A99A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A99A55
}
```

## Border

The CSS property to change the border of an element to Hex A99A55 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
#A99A55 }
```

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

```
.border{ border-color:#A99A55 }
```

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

Here you see how a box with a 4 pixel #A99A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A99A55; -webkit-box-shadow:4px 4px  
4px 4px #A99A55; box-shadow:4px 4px 4px  
4px #A99A55 }
```

# Background

The CSS property to change the background color of an element to Hex A99A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A99A55 }
```

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

```
.background{ background-color:#A99A55 }
```

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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