

Converting Colors

Hex(AAA563)

Have a look what the booklet for
Hex(AAA563) contains.

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Color

Hex(AAA563)

Conversions

Conversions Part 1

Format	Color
Hex	AAA563
RGB	170, 165, 99
RGB Percent	67%, 65%, 39%
CMY	0.3333, 0.3529, 0.6118
CMYK	0.00, 0.03, 0.42, 0.33
HSL	56°, 29%, 53%
HSV	56°, 42%, 67%
XYZ	32.2848, 36.3572, 17.1204
YIQ	158.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

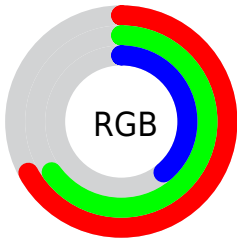
Format	Color
RYB	104, 170, 99
Decimal	11183459
CIELab	66.79, -8.00, 34.80
CIELCh	67, 35.704, 102.944
Yxy	36.3572, 0.3764, 0.4239
Android (android.graphics.Color)	4289373539 (0xFFAAA563)
YUV	158.9710, -29.5657, 9.6724
Hunter-Lab	60.2969, -9.9452, 25.3733

Details

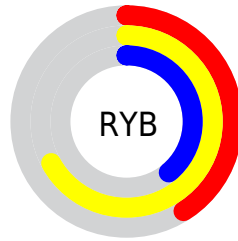
The Hex color **AAA563** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6368AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E2DC97**, and **747132** is the 20% darker color. If you saturate the color by 10%, you get **AAA452**, and if you desaturate by 10%, it is **AAA674**.

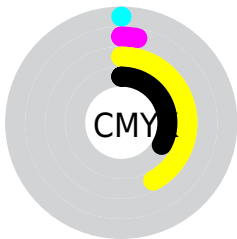
Distribution



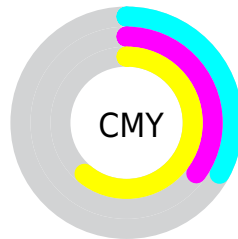
- Red (67%)
- Green (65%)
- Blue (39%)



- Red (41%)
- Yellow (67%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA563 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 AAA563 by changing the saturation by 10% instead.



AAA563



AAA563

FFFFFF



8F8B4A



E2DC97



747132



FFF8B2



5B591B



FFFFCE



424202



FFFFEA



2B2C00



101800



000000



AAA563



AAA563



AAA452



AAA674

■ AAA341

■ AAA785

■ AAA130

■ AAA996

■ AAA01F

■ AAAAA7

■ AA9F0E

■ AAABB8

■ AA9E00

■ AAACC9

■ AAADDA

■ AAAFEB

■ AAB0FC

Harmonies

Analogous

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



C89A65



AAA563



86AD72

Triad

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



AAA563



22B1CD



D68CB6

Complementary

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



AAA563



6368AA

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.



B895D2



AAA563



54ABDF

Square

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



AAA563



32B4B0



8BA1E1



E18A96

Rectangle

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



AAA563



6CB184



8BA1E1



CE8EC0

Sweetspot

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



AAA563



DEDCC1



AA6369



706F5E



F0F0F0



707070

Same Dimension

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



AAA563



DED66F



8CAA63



54544C



948900



141300

Inverse Universe

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



6368AA



6F77DE



8163AA



4C4C54



000A94



000114

Previews

White Background



This preview shows how the Hex color AAA563 looks on a white background.

Color Contrast Check

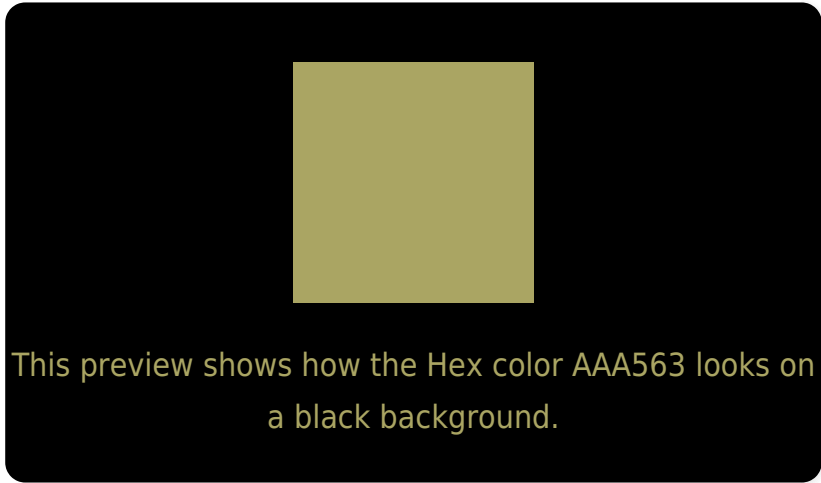
Large Text (above 18pt) WCAG AA × Fail

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

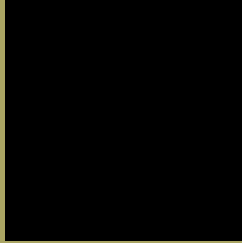
Any Text WCAG AA ✓ Pass

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 AAA563 Background



This preview shows how black text looks on a background with the Hex color AAA563.



This preview shows how white text looks on a background with the Hex color AAA563.

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
AAA563

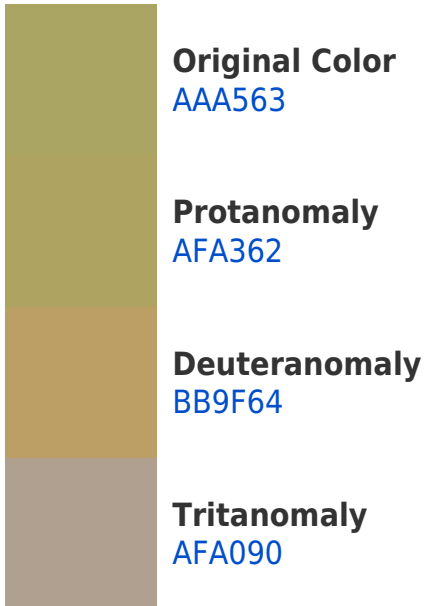
Protanopia
B2A262

Deuteranopia
C49B65

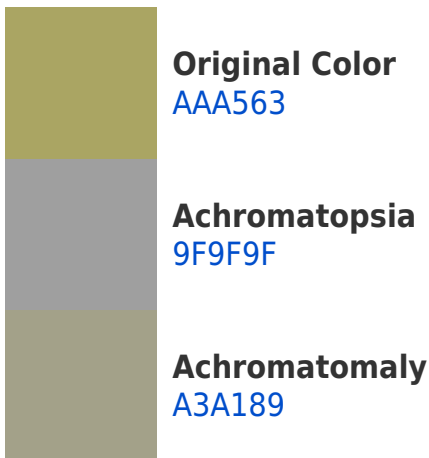


Tritanopia
B29DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA563 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 #AAA563 looks like.

```
.text, #text, p{  
    color:#AAA563  
}
```

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 #AAA563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA563
}
```

Border

The CSS property to change the border of an element to Hex AAA563 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
#AAA563 }
```

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

```
.border{ border-color:#AAA563 }
```

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

Here you see how a box with a 4 pixel #AAA563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA563; -webkit-box-shadow:4px 4px  
4px 4px #AAA563; box-shadow:4px 4px 4px  
4px #AAA563 }
```

Background

The CSS property to change the background color of an element to Hex AAA563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA563 }
```

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

```
.background{ background-color:#AAA563 }
```

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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