

Converting Colors

Hex(AAA856)

Have a look what the booklet for
Hex(AAA856) contains.

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Color

Hex(AAA856)

Conversions

Conversions Part 1

Format	Color
Hex	AAA856
RGB	170, 168, 86
RGB Percent	67%, 66%, 34%
CMY	0.3333, 0.3412, 0.6627
CMYK	0.00, 0.01, 0.49, 0.33
HSL	59°, 33%, 50%
HSV	59°, 49%, 67%
XYZ	32.2599, 37.2232, 14.2886
YIQ	159.2500, 27.5140, -25.0780

Conversions

Conversions Part 2

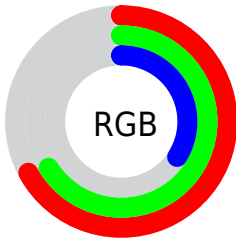
Format	Color
RYB	88, 170, 86
Decimal	11184214
CIELab	67.44, -10.90, 42.23
CIELCh	67, 43.618, 104.469
Yxy	37.2232, 0.3851, 0.4443
Android (android.graphics.Color)	4289374294 (0xFFAAA856)
YUV	159.2500, -36.1123, 9.4277
Hunter-Lab	61.0108, -12.3858, 28.8220

Details

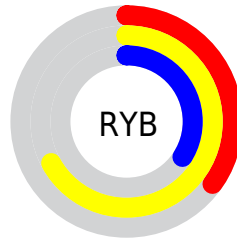
The Hex color **AAA856** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5658AA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **E3DF8A**, and **747424** is the 20% darker color. If you saturate the color by 10%, you get **AAA845**, and if you desaturate by 10%, it is **AAA867**.

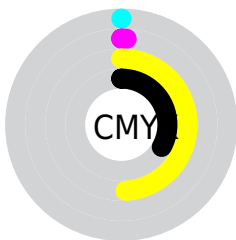
Distribution



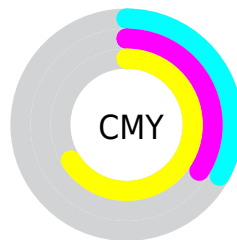
- Red (67%)
- Green (66%)
- Blue (34%)



- Red (35%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (1%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA856 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 AAA856 by changing the saturation by 10% instead.

AAA856

AAA856

FFFFFF

8F8E3D

E3DF8A

747424

FFCA5

5A5C08

FFFFC0

414400

FFFFDC

282E00

FFFFF9

0D1A00

000000

AAA856

AAA856

AAA845

AAA867

■ AAA734

■ AAA978

■ AAA723

■ AAA989

■ AAA612

■ AAAA9A

■ AAA601

■ AAAAAB

■ AAA600

■ AAAABC

■ AAABCD

■ AAABDE

■ AAACEF

Harmonies

Analogous

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



CE9B58



AAA856



7EB26A

Triad

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



AAA856



00B6DA



E387BA

Complementary

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



AAA856



5658AA

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.



C093DD



AAA856



31AEEF

Square

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



AAA856



00B9B7



88A2F0



F08593

Rectangle

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



AAA856



5BB681



88A2F0



DA8AC7

Sweetspot

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



AAA856



DEDDBD



AA5659



70705C



F0F0F0



707070

Same Dimension

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



AAA856



DEDB5B



83AA56



54544C



949000



141400

Inverse Universe

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



5658AA



5B5EDE



7D56AA



4C4C54



000494



000014

Previews

White Background



This preview shows how the Hex color AAA856 looks on a white background.

Color Contrast Check

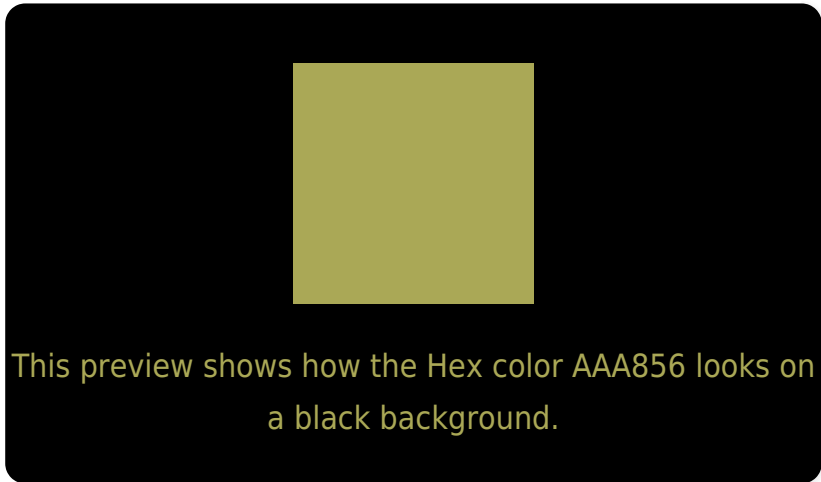
Large Text (above 18pt) WCAG AA × Fail

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

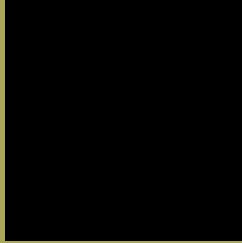
Any Text WCAG AA ✓ Pass

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 AAA856 Background



This preview shows how black text looks on a background with the Hex color AAA856.



This preview shows how white text looks on a background with the Hex color AAA856.

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
AAA856

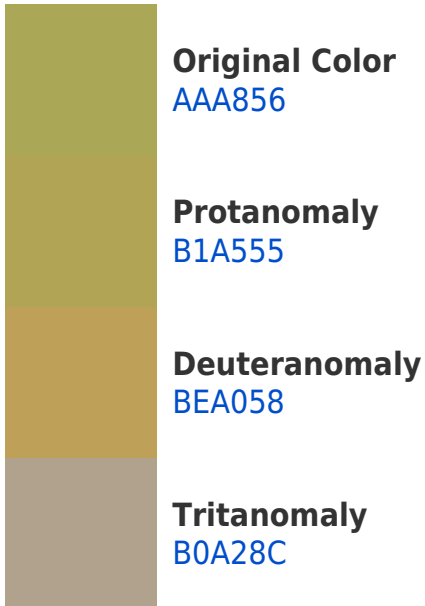
Protanopia
B5A455

Deuteranopia
C99C59

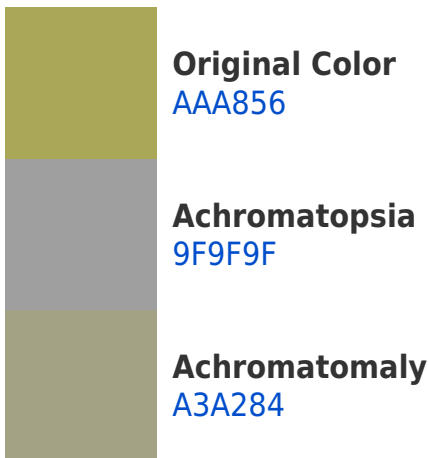


Tritanopia
B39FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA856 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 #AAA856 looks like.

```
.text, #text, p{  
    color:#AAA856  
}
```

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 #AAA856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA856
}
```

Border

The CSS property to change the border of an element to Hex AAA856 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
#AAA856 }
```

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

```
.border{ border-color:#AAA856 }
```

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

Here you see how a box with a 4 pixel #AAA856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA856; -webkit-box-shadow:4px 4px  
4px 4px #AAA856; box-shadow:4px 4px 4px  
4px #AAA856 }
```

Background

The CSS property to change the background color of an element to Hex AAA856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA856 }
```

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

```
.background{ background-color:#AAA856 }
```

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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