

Converting Colors

Hex(A4AA33)

Have a look what the booklet for
Hex(A4AA33) contains.

Hex(A4AA33)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A4AA33)

Conversions

Conversions Part 1

Format	Color
Hex	A4AA33
RGB	164, 170, 51
RGB Percent	64%, 67%, 20%
CMY	0.3569, 0.3333, 0.8000
CMYK	0.04, 0.00, 0.70, 0.33
HSL	63°, 54%, 43%
HSV	63°, 70%, 67%
XYZ	30.2821, 36.8810, 8.6547
YIQ	154.6400, 34.6230, -38.2810

Conversions

Conversions Part 2

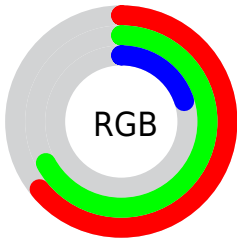
Format	Color
RYB	51, 170, 57
Decimal	10791475
CIELab	67.19, -17.07, 57.43
CIELCh	67, 59.918, 106.553
Yxy	36.8810, 0.3994, 0.4864
Android (android.graphics.Color)	4288981555 (0xFFA4AA33)
YUV	154.6400, -51.0945, 8.2087
Hunter-Lab	60.7297, -17.2702, 34.0613

Details

The Hex color **A4AA33** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3933AA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **DEE169**, and **6D7600** is the 20% darker color. If you saturate the color by 10%, you get **A3AA22**, and if you desaturate by 10%, it is **A5AA44**.

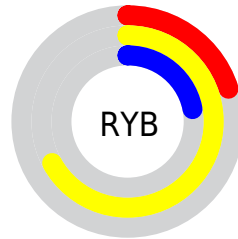
Distribution



Red (64%)

Green (67%)

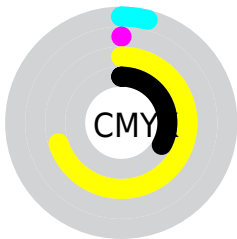
Blue (20%)



Red (20%)

Yellow (67%)

Blue (22%)

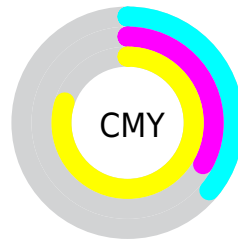


Cyan (4%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4AA33 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 A4AA33 by changing the saturation by 10% instead.

 A4AA33

 A4AA33

FFFFFF

 889014

 DEE169

 6D7600

 FBFE84

 525D00

 FFFF9F

 384600

 FFFFBB

 1E3000

 FFFFD8

 001C00

 FFFFF5

 000000

 A4AA33

 A4AA33

 A3AA22

 A5AA44

 A2AA11

 A6AA55

 A1AA00

 A7AA66

 A7AA77

 A8AA88

 A9AA99

 AAAAAA

 ABAABB

 ACAACC

Harmonies

Analogous

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



D59835



A4AA33



65B655

Triad

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



A4AA33



00BAF1



FA76BE

Complementary

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



A4AA33



3933AA

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.



CD89EE



A4AA33



00B0FF

Square

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



A4AA33



00BEC1



789FFF



FF7388

Rectangle

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



A4AA33



13BB76



789FFF



EE7BD0

Sweetspot

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



A4AA33



DCDEAF



AA3933



6F7054



F0F0F0



707070

Same Dimension

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



A4AA33



D4DE23



69AA33



54544C



8C9400



131400

Inverse Universe

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



3933AA



2D23DE



7433AA



4C4C54



070094



010014

Previews

White Background



This preview shows how the Hex color A4AA33 looks on a white background.

Color Contrast Check

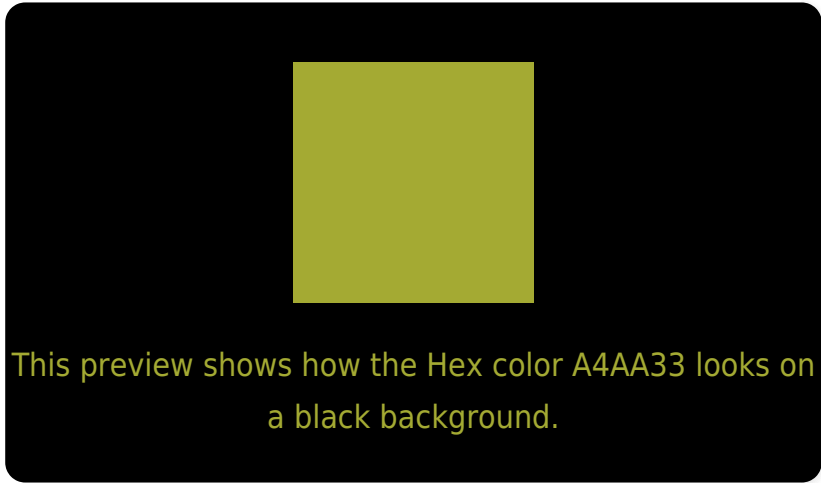
Large Text (above 18pt) WCAG AA × Fail

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 A4AA33 Background



This preview shows how black text looks on a background with the Hex color A4AA33.

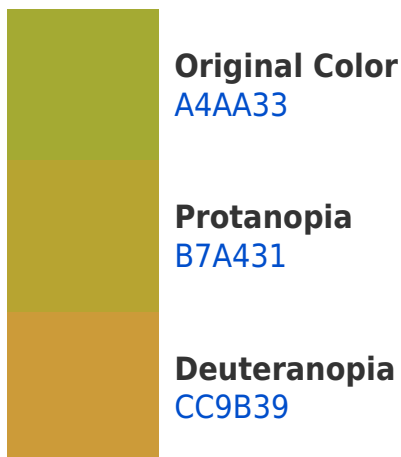


This preview shows how white text looks on a background with the Hex color A4AA33.

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
AF9FAB

Trichromacy



Original Color
A4AA33

Protanomaly
B0A632

Deuteranomaly
BDA037

Tritanomaly
ABA37F

Monochromacy



Original Color
A4AA33

Achromatopsia
9B9B9B

Achromatomaly
9EA075

CSS Examples

Text

The CSS property to change the color of the text to Hex A4AA33 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 #A4AA33 looks like.

```
.text, #text, p{  
    color:#A4AA33  
}
```

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 #A4AA33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4AA33  
}
```

Border

The CSS property to change the border of an element to Hex A4AA33 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  
#A4AA33 }
```

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

```
.border{ border-color:#A4AA33 }
```

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

Here you see how a box with a 4 pixel #A4AA33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4AA33; -webkit-box-shadow:4px 4px  
4px 4px #A4AA33; box-shadow:4px 4px 4px  
4px #A4AA33 }
```

Background

The CSS property to change the background color of an element to Hex A4AA33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4AA33 }
```

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

```
.background{ background-color:#A4AA33 }
```

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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