

Converting Colors

Hex(AAA73B)

Have a look what the booklet for
Hex(AAA73B) contains.

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Color

Hex(AAA73B)

Conversions

Conversions Part 1

Format	Color
Hex	AAA73B
RGB	170, 167, 59
RGB Percent	67%, 65%, 23%
CMY	0.3333, 0.3451, 0.7686
CMYK	0.00, 0.02, 0.65, 0.33
HSL	58°, 48%, 45%
HSV	58°, 65%, 67%
XYZ	31.1857, 36.4992, 9.5391
YIQ	155.5850, 36.4560, -32.9520

Conversions

Conversions Part 2

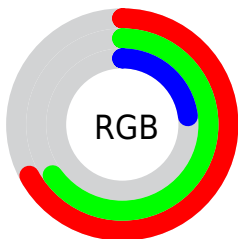
Format	Color
RYB	62, 170, 59
Decimal	11183931
CIELab	66.90, -12.47, 54.10
CIElCh	67, 55.521, 102.976
Yxy	36.4992, 0.4038, 0.4726
Android (android.graphics.Color)	4289374011 (0xFFAAA73B)
YUV	155.5850, -47.6164, 12.6420
Hunter-Lab	60.4146, -13.5848, 32.9287

Details

The Hex color **AAA73B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B3EAA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E4DE70**, and **737300** is the 20% darker color. If you saturate the color by 10%, you get **AAA72A**, and if you desaturate by 10%, it is **AAA74C**.

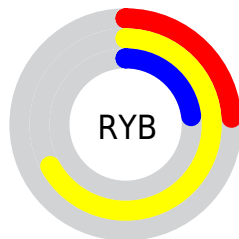
Distribution



Red (67%)

Green (65%)

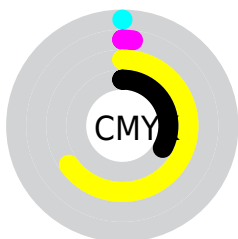
Blue (23%)



Red (24%)

Yellow (67%)

Blue (23%)

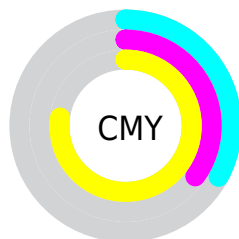


Cyan (0%)

Magenta (2%)

Yellow (65%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAA73B 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 AAA73B by changing the saturation by 10% instead.

AAA73B

AAA73B

FFFFFF

8E8D1F

E4DE70

737300

FFFA8B

585B00

FFFFA6

3E4400

FFFFC2

252E00

FFFFDF

061A00

FFFFFC

000000

AAA73B

AAA73B

AAA72A

AAA74C

■ AAA619

■ AAA85D

■ AAA608

■ AAA86E

■ AAA500

■ AAA97F

■ AAA990

■ AAAAA1

■ AAAAB2

■ AAABC3

■ AAABD4

Harmonies

Analogous

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



D69640



AAA73B



72B356

Triad

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



AAA73B



00B9E6



F07BC1

Complementary

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



AAA73B



3B3EAA

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.



C28DEC



AAA73B



00B0FF

Square

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



AAA73B



00BCB8



71A1FF



FF778F

Rectangle

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



AAA73B



3DB873



71A1FF



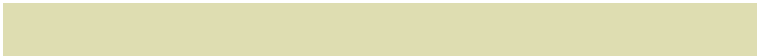
E480D1

Sweetspot

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



AAA73B



DEDDB1



AA3B3F



706F55



F0F0F0



707070

Same Dimension

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



AAA73B



DED931



76AA3B



54544C



949000



141400

Inverse Universe

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



3B3EAA



3135DE



6F3BAA



4C4C54



000494



000114

Previews

White Background



This preview shows how the Hex color AAA73B looks on a white background.

Color Contrast Check

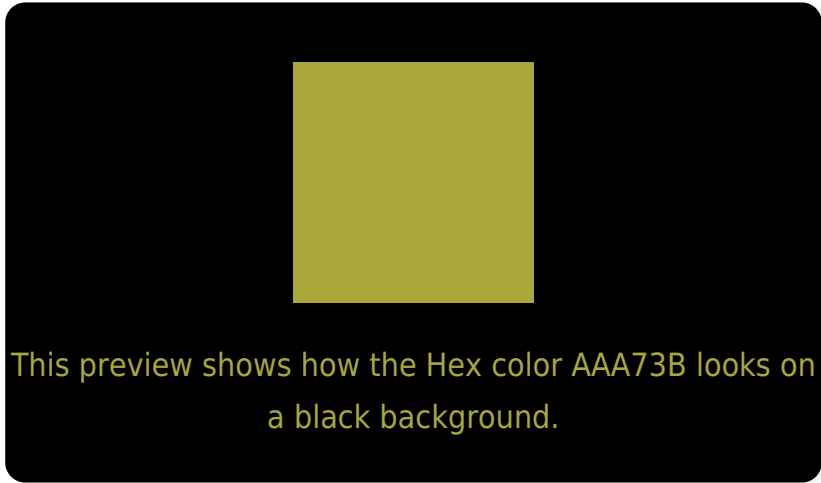
Large Text (above 18pt) WCAG AA × Fail

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 AAA73B Background



This preview shows how black text looks on a background with the Hex color AAA73B.



This preview shows how white text looks on a background with the Hex color AAA73B.

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
AAA73B

Protanopia
B6A33A

Deuteranopia
CB9B3F

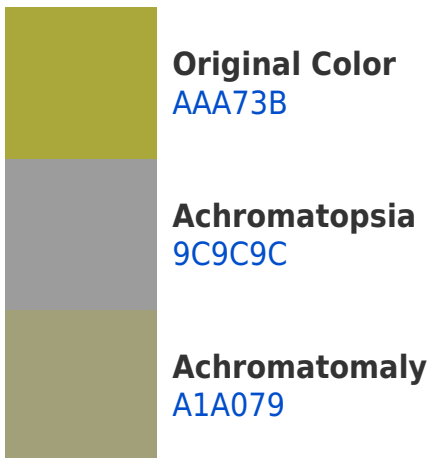


Tritanopia
B49CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAA73B 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 #AAA73B looks like.

```
.text, #text, p{  
    color:#AAA73B  
}
```

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 #AAA73B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAA73B
}
```

Border

The CSS property to change the border of an element to Hex AAA73B 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
#AAA73B }
```

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

```
.border{ border-color:#AAA73B }
```

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

Here you see how a box with a 4 pixel #AAA73B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAA73B; -webkit-box-shadow:4px 4px  
4px 4px #AAA73B; box-shadow:4px 4px 4px  
4px #AAA73B }
```

Background

The CSS property to change the background color of an element to Hex AAA73B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAA73B }
```

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

```
.background{ background-color:#AAA73B }
```

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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