

Converting Colors

Hex(AAB91E)

Have a look what the booklet for
Hex(AAB91E) contains.

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Color

Hex(AAB91E)

Conversions

Conversions Part 1

Format	Color
Hex	AAB91E
RGB	170, 185, 30
RGB Percent	67%, 73%, 12%
CMY	0.3333, 0.2745, 0.8824
CMYK	0.08, 0.00, 0.84, 0.27
HSL	66°, 72%, 42%
HSV	66°, 84%, 73%
XYZ	34.1609, 43.3377, 7.7928
YIQ	162.8450, 40.8150, -51.3850

Conversions

Conversions Part 2

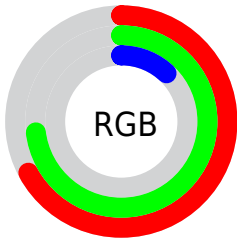
Format	Color
RYB	30, 185, 45
Decimal	11188510
CIELab	71.78, -22.88, 68.31
CIELCh	72, 72.044, 108.519
Yxy	43.3377, 0.4005, 0.5081
Android (android.graphics.Color)	4289378590 (0xFFAAB91E)
YUV	162.8450, -65.4926, 6.2749
Hunter-Lab	65.8314, -22.5787, 39.0635

Details

The Hex color **AAB91E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2D1EB9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E5F15C**, and **728400** is the 20% darker color. If you saturate the color by 10%, you get **A8B90B**, and if you desaturate by 10%, it is **ACB931**.

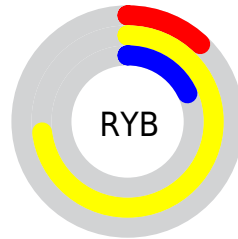
Distribution



Red (67%)

Green (73%)

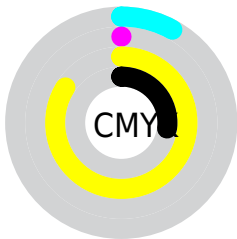
Blue (12%)



Red (12%)

Yellow (73%)

Blue (18%)

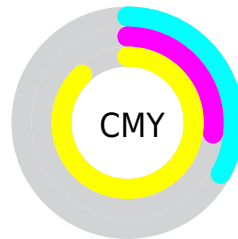


Cyan (8%)

Magenta (0%)

Yellow (84%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAB91E 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 AAB91E by changing the saturation by 10% instead.



AAB91E



AAB91E

FFFFFF



8D9E00



E5F15C



728400



FFF778



566B00



FFF994



3B5300



FFFB00



203C00



FFFC00



032600



FFFE00



000C00



000000



AAB91E



AAB91E

 A8B90B

 ACB931

 A7B900

 AEB943

 AFB956

 B1B968

 B3B97A

 B5B98D

 B7B9A0

 B8B9B2

 BAB9C5

Harmonies

Analogous

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



E6A41E



AAB91E



59C653

Triad

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



AAB91E



00CBFF



FF73CC

Complementary

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



AAB91E



2D1EB9

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.



E68CFF



AAB91E



00BFFF

Square

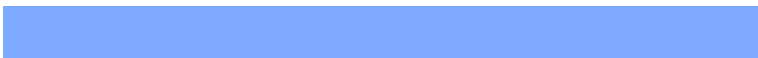
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AAB91E



00CFD8



7DA9FF



FF728A

Rectangle

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



AAB91E



00CC7D



7DA9FF



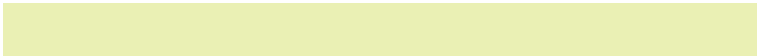
FF7AE1

Sweetspot

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



AAB91E



EAF0B4



B92B1E



747854



F7F7F7



787878

Same Dimension

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



AAB91E



D9F000



5FB91E



5B5C53



8C9C00



191C00

Inverse Universe

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



2D1EB9



1700F0



781EB9



54535C



0F009C



03001C

Previews

White Background



This preview shows how the Hex color AAB91E looks on a white background.

Color Contrast Check

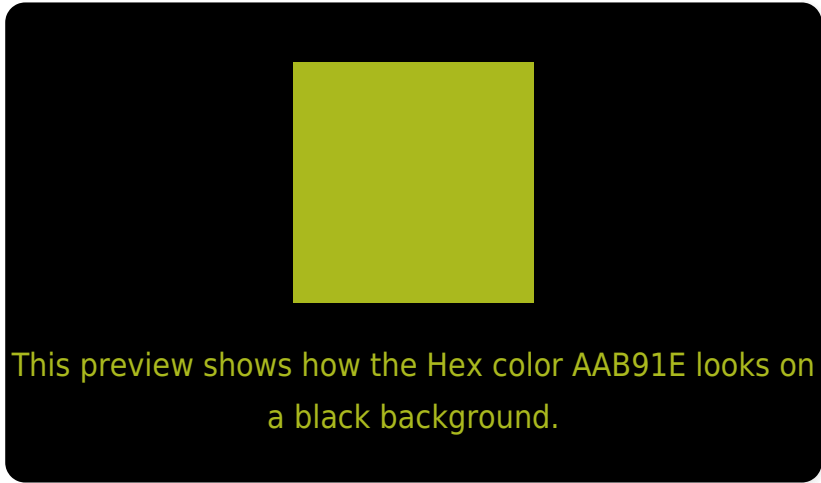
Large Text (above 18pt) WCAG AA × Fail

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 AAB91E Background



This preview shows how black text looks on a background with the Hex color AAB91E.



This preview shows how white text looks on a background with the Hex color AAB91E.

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
AAB91E

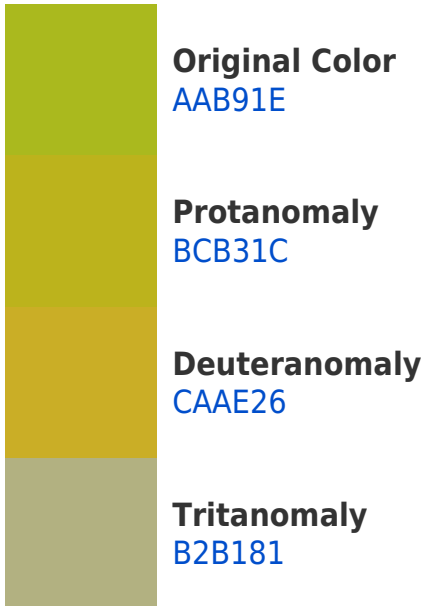
Protanopia
C6B01B

Deuteranopia
DDA72A

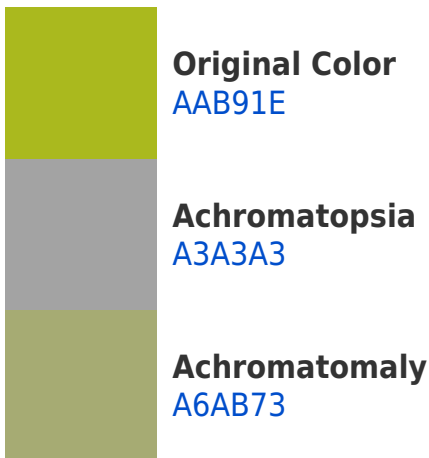


Tritanopia
B7ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAB91E 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 #AAB91E looks like.

```
.text, #text, p{  
    color:#AAB91E  
}
```

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 #AAB91E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB91E
}
```

Border

The CSS property to change the border of an element to Hex AAB91E 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
#AAB91E }
```

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

```
.border{ border-color:#AAB91E }
```

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

Here you see how a box with a 4 pixel #AAB91E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB91E; -webkit-box-shadow:4px 4px  
4px 4px #AAB91E; box-shadow:4px 4px 4px  
4px #AAB91E }
```

Background

The CSS property to change the background color of an element to Hex AAB91E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB91E }
```

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

```
.background{ background-color:#AAB91E }
```

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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