

Converting Colors

Hex(AE891A)

Have a look what the booklet for
Hex(AE891A) contains.

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Color

Hex(AE891A)

Conversions

Conversions Part 1

Format	Color
Hex	AE891A
RGB	174, 137, 26
RGB Percent	68%, 54%, 10%
CMY	0.3176, 0.4627, 0.8980
CMYK	0.00, 0.21, 0.85, 0.32
HSL	45°, 74%, 39%
HSV	45°, 85%, 68%
XYZ	26.5877, 26.9646, 4.7806
YIQ	135.4090, 57.6830, -26.6770

Conversions

Conversions Part 2

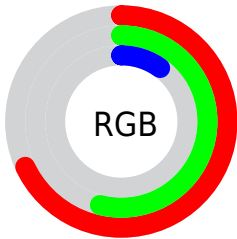
Format	Color
R_{YB}	75, 174, 26
Decimal	11438362
CIE _{Lab}	58.94, 3.98, 58.65
CIE _{LCh}	59, 58.788, 86.120
Yxy	26.9646, 0.4558, 0.4623
Android (android.graphics.Color)	4289628442 (0xFFAE891A)
YUV	135.4090, -53.9386, 33.8443
Hunter-Lab	51.9274, 0.5219, 30.8907

Details

The Hex color **AE891A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1A3FAE**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E9BE52**, and **755800** is the 20% darker color. If you saturate the color by 10%, you get **AE8509**, and if you desaturate by 10%, it is **AE8D2B**.

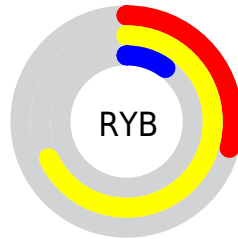
Distribution



Red (68%)

Green (54%)

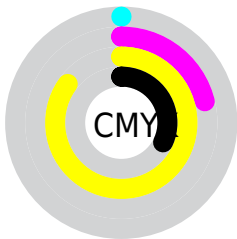
Blue (10%)



Red (29%)

Yellow (68%)

Blue (10%)

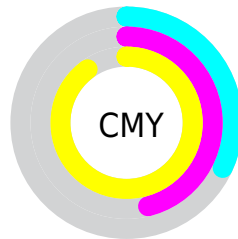


Cyan (0%)

Magenta (21%)

Yellow (85%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE891A 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 AE891A by changing the saturation by 10% instead.



AE891A



AE891A

FFFFFF



917000



E9BE52



755800



FFDA6D



594100



FFF688



3F2B00



FFFFA3



251700



FFFFBF



000000



FFFFDC



FFFFF9



AE891A



AE891A

■ AE8509

■ AE8D2B

■ AE8300

■ AE923D

■ AE964E

■ AE9A60

■ AE9F71

■ AEA382

■ AEA794

■ AEACA5

■ AEB0B7

Harmonies

Analogous

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



D47537



AE891A



7C9827

Triad

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



AE891A



00A6BA



C66CC8

Complementary

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



AE891A



1A3FAE

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.



8283EB



AE891A



00A1E3

Square

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



AE891A



00A685



0096F5



E75D97

Rectangle

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



AE891A



519F42



0096F5



B474D6

Sweetspot

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



AE891A



E3D4A8



AE1A3F



736A4F



F2F2F2



737373

Same Dimension

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



AE891A



E3AA00



89AE1A



57554E



967100



171100

Inverse Universe

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



1A3FAE



0039E3



3F1AAE



4E5057



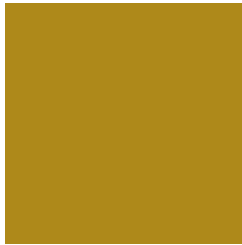
002696



000617

Previews

White Background



This preview shows how the Hex color AE891A looks on a white background.

Color Contrast Check

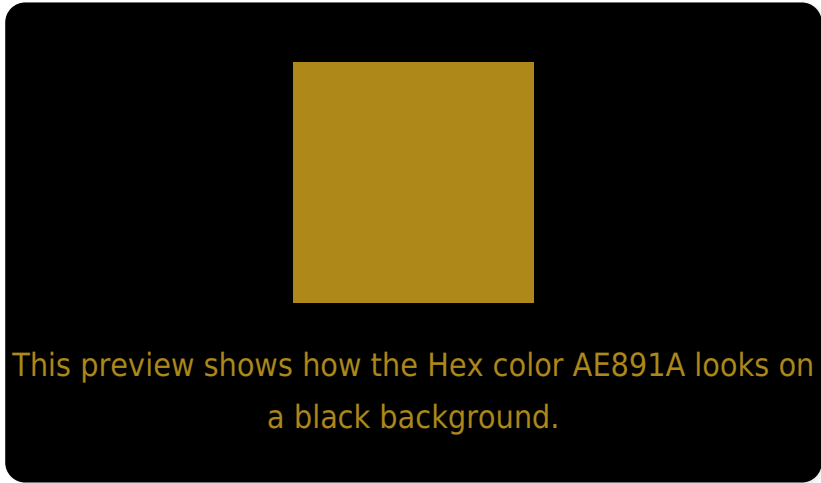
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AE891A Background



This preview shows how black text looks on a background with the Hex color AE891A.



This preview shows how white text looks on a background with the Hex color AE891A.

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
AE891A

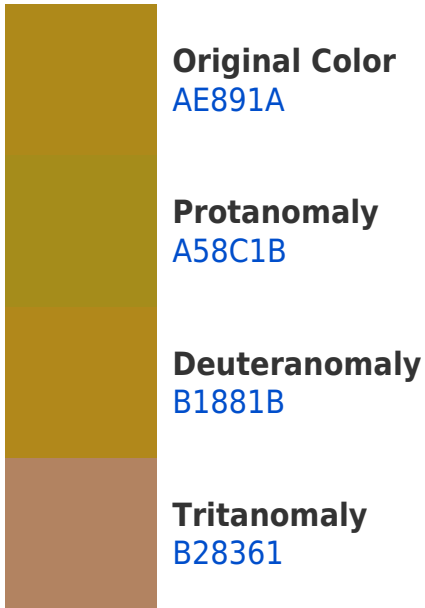
Protanopia
A08E1B

Deuteranopia
B3871B

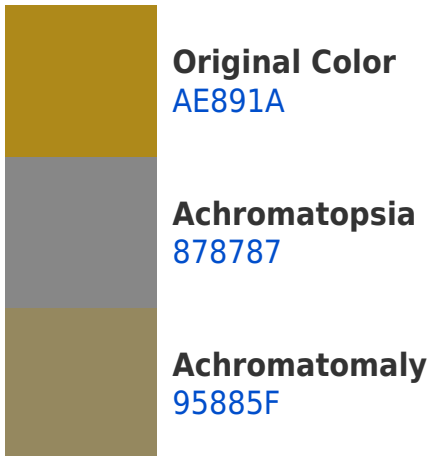


Tritanopia
B58089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE891A 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 #AE891A looks like.

```
.text, #text, p{  
    color:#AE891A  
}
```

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 #AE891A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE891A
}
```

Border

The CSS property to change the border of an element to Hex AE891A 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
#AE891A }
```

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

```
.border{ border-color:#AE891A }
```

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

Here you see how a box with a 4 pixel #AE891A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE891A; -webkit-box-shadow:4px 4px  
4px 4px #AE891A; box-shadow:4px 4px 4px  
4px #AE891A }
```

Background

The CSS property to change the background color of an element to Hex AE891A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE891A }
```

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

```
.background{ background-color:#AE891A }
```

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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