

Converting Colors

Hex(AFA866)

Have a look what the booklet for
Hex(AFA866) contains.

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Color

Hex(AFA866)

Conversions

Conversions Part 1

Format	Color
Hex	AFA866
RGB	175, 168, 102
RGB Percent	69%, 66%, 40%
CMY	0.3137, 0.3412, 0.6000
CMYK	0.00, 0.04, 0.42, 0.31
HSL	54°, 31%, 54%
HSV	54°, 42%, 69%
XYZ	34.0801, 38.0785, 18.1241
YIQ	162.5690, 25.3580, -19.0420

Conversions

Conversions Part 2

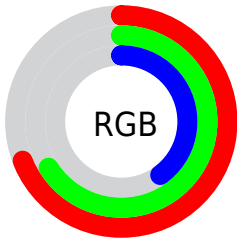
Format	Color
RYB	110, 175, 102
Decimal	11511910
CIELab	68.08, -7.19, 34.95
CIELCh	68, 35.678, 101.630
Yxy	38.0785, 0.3775, 0.4218
Android (android.graphics.Color)	4289701990 (0xFFAFA866)
YUV	162.5690, -29.8605, 10.9020
Hunter-Lab	61.7078, -9.4063, 25.7815

Details

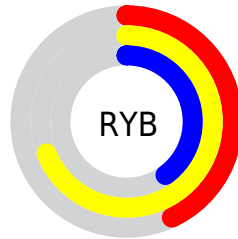
The Hex color **AFA866** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **666DAF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E8DF9A**, and **797435** is the 20% darker color. If you saturate the color by 10%, you get **AFA655**, and if you desaturate by 10%, it is **AFAA78**.

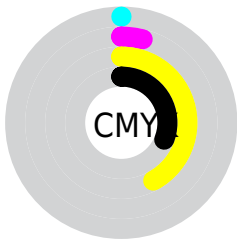
Distribution



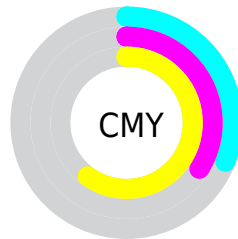
- Red (69%)
- Green (66%)
- Blue (40%)



- Red (43%)
- Yellow (69%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (42%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFA866 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 AFA866 by changing the saturation by 10% instead.

 AFA866

 AFA866

FFFFFF

 948E4D

 E8DF9A

 797435

 FFFCB5

 5F5C1E

 FFFFD1

 464404

 FFFFED

 2F2E00

 161A00

 000000

 AFA866

 AFA866

 AFA655

 AFAA78

 AFA543

 AFAB89

 AFA332

 AFAD9B

 AFA120

 AFAFAC

 AFA00F

 AFB0BE

 AF9E00

 AFB2CF

 AFB4E1

 AFB5F2

 AFB7FF

Harmonies

Analogous

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



CC9D69



AFA866



8BB175

Triad

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



AFA866



28B5D0



D890BB

Complementary

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



AFA866



666DAF

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.



BA99D6



AFA866



56AFE2

Square

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



AFA866



39B7B2



8CA5E5



E58D9A

Rectangle

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



AFA866



71B486



8CA5E5



D092C5

Sweetspot

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



AFA866



E3E0C5



AF666D



737160



F2F2F2



737373

Same Dimension

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



AFA866



E3D871



92AF66



57564E



968800



171500

Inverse Universe

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



666DAF



717CE3



8366AF



4E4F57



000E96



000217

Previews

White Background



This preview shows how the Hex color AFA866 looks on a white background.

Color Contrast Check

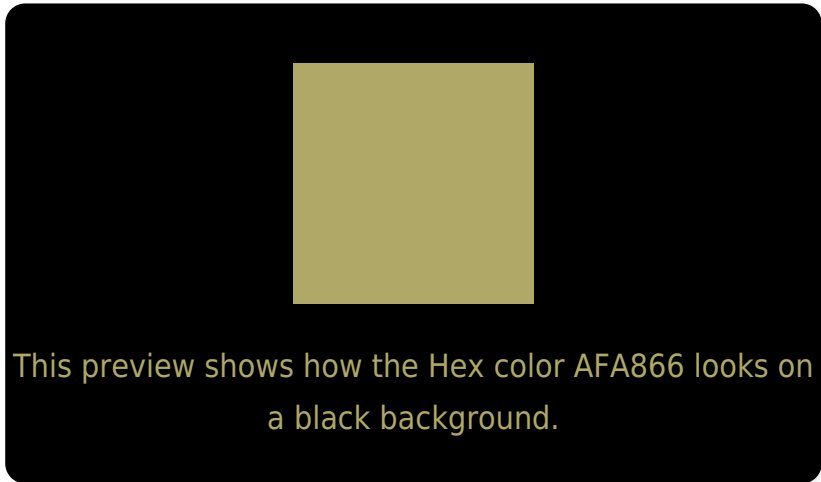
Large Text (above 18pt) WCAG AA × Fail

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

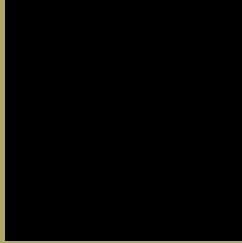
Any Text WCAG AA ✓ Pass

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 AFA866 Background



This preview shows how black text looks on a background with the Hex color AFA866.



This preview shows how white text looks on a background with the Hex color AFA866.

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
AFA866

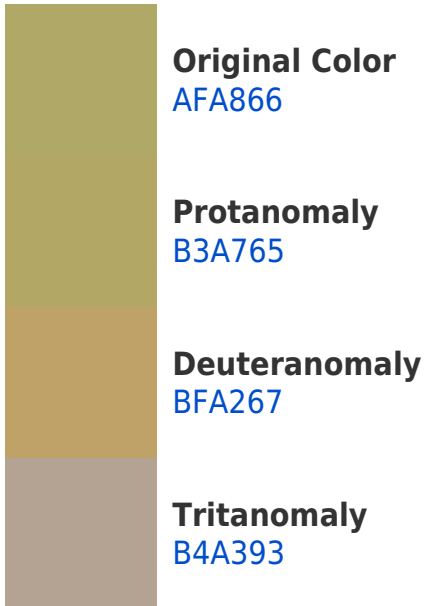
Protanopia
B5A665

Deuteranopia
C89E68

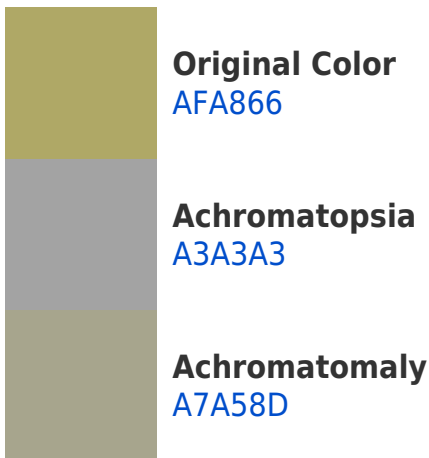


Tritanopia
B7A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFA866 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 #AFA866 looks like.

```
.text, #text, p{  
    color:#AFA866  
}
```

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 #AFA866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA866
}
```

Border

The CSS property to change the border of an element to Hex AFA866 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
#AFA866 }
```

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

```
.border{ border-color:#AFA866 }
```

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

Here you see how a box with a 4 pixel #AFA866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA866; -webkit-box-shadow:4px 4px  
4px 4px #AFA866; box-shadow:4px 4px 4px  
4px #AFA866 }
```

Background

The CSS property to change the background color of an element to Hex AFA866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA866 }
```

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

```
.background{ background-color:#AFA866 }
```

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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