

Converting Colors

Hex(AF9866)

Have a look what the booklet for
Hex(AF9866) contains.

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Color

Hex(AF9866)

Conversions

Conversions Part 1

Format	Color
Hex	AF9866
RGB	175, 152, 102
RGB Percent	69%, 60%, 40%
CMY	0.3137, 0.4039, 0.6000
CMYK	0.00, 0.13, 0.42, 0.31
HSL	41°, 31%, 54%
HSV	41°, 42%, 69%
XYZ	31.3057, 32.5297, 17.1993
YIQ	153.1770, 29.7580, -10.6740

Conversions

Conversions Part 2

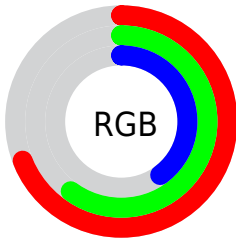
Format	Color
RYB	136, 175, 102
Decimal	11507814
CIELab	63.78, 1.43, 29.44
CIELCh	64, 29.470, 87.220
Yxy	32.5297, 0.3863, 0.4014
Android (android.graphics.Color)	4289697894 (0xFFAF9866)
YUV	153.1770, -25.2303, 19.1388
Hunter-Lab	57.0349, -1.8346, 22.0451

Details

The Hex color **AF9866** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **667DAF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E8CE9A**, and **796536** is the 20% darker color. If you saturate the color by 10%, you get **AF9255**, and if you desaturate by 10%, it is **AF9E78**.

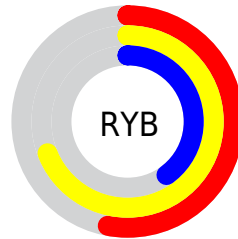
Distribution



Red (69%)

Green (60%)

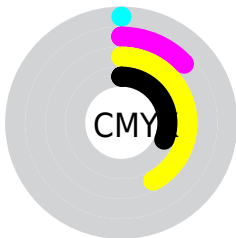
Blue (40%)



Red (53%)

Yellow (69%)

Blue (40%)

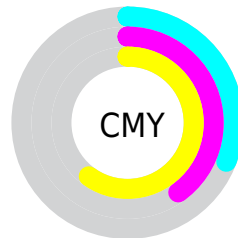


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF9866 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 AF9866 by changing the saturation by 10% instead.



AF9866



AF9866

FFFFFF



947E4E



E8CE9A



796536



FFEAB5



5F4D1F



FFFFD0



463708



FFFED



2E2200



150C00



000000



AF9866



AF9866



AF9255



AF9E78

 AF8D43

 AFA389

 AF8732

 AFA99B

 AF8220

 AFAEAC

 AF7C0F

 AFB4BE

 AF7800

 AFB9CF

 AFBFE1

 AFC4F2

 AFCAFF

Harmonies

Analogous

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



C48F6F



AF9866



94A06B

Triad

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



AF9866



43A8B2



BA8CB7

Complementary

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



AF9866



667DAF

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.



9B95C9



AF9866



4FA5C6

Square

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



AF9866



57A997



749ECE



CB879E

Rectangle

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



AF9866



80A476



749ECE



B18EBE

Sweetspot

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



AF9866



E3DAC5



AF667D



736D60



F2F2F2



737373

Same Dimension

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



AF9866



E3BF71



A2AF66



57544E



966700



171000

Inverse Universe

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



667DAF



7195E3



7366AF



4E5157



002F96



000717

Previews

White Background



This preview shows how the Hex color AF9866 looks on a white background.

Color Contrast Check

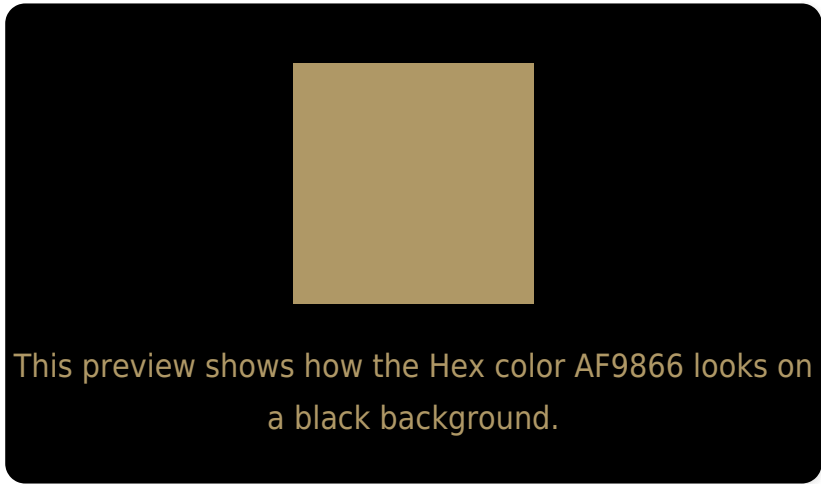
Large Text (above 18pt) WCAG AA × Fail

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

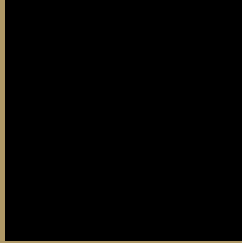
Any Text WCAG AA ✓ Pass

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 AF9866 Background



This preview shows how black text looks on a background with the Hex color AF9866.



This preview shows how white text looks on a background with the Hex color AF9866.

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
AF9866

Protanopia
A89B67

Deuteranopia
B99467

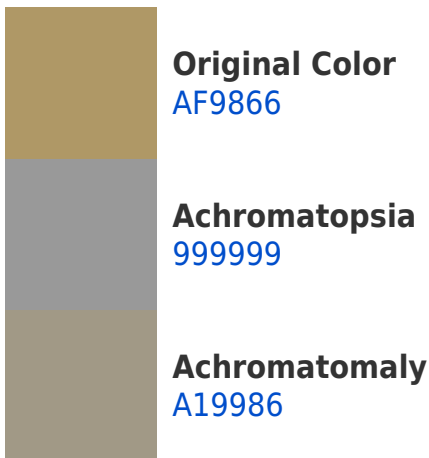


Tritanopia
B5919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF9866 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 #AF9866 looks like.

```
.text, #text, p{  
    color:#AF9866  
}
```

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 #AF9866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9866
}
```

Border

The CSS property to change the border of an element to Hex AF9866 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
#AF9866 }
```

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

```
.border{ border-color:#AF9866 }
```

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

Here you see how a box with a 4 pixel #AF9866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9866; -webkit-box-shadow:4px 4px  
4px 4px #AF9866; box-shadow:4px 4px 4px  
4px #AF9866 }
```

Background

The CSS property to change the background color of an element to Hex AF9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9866 }
```

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

```
.background{ background-color:#AF9866 }
```

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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