

Converting Colors

Hex(AFB489)

Have a look what the booklet for
Hex(AFB489) contains.

Hex(AFB489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AFB489)

Conversions

Conversions Part 1

Format	Color
Hex	AFB489
RGB	175, 180, 137
RGB Percent	69%, 71%, 54%
CMY	0.3137, 0.2941, 0.4627
CMYK	0.03, 0.00, 0.24, 0.29
HSL	67°, 22%, 62%
HSV	67°, 24%, 71%
XYZ	38.5158, 43.5626, 30.0453
YIQ	173.6030, 10.8230, -14.4330

Conversions

Conversions Part 2

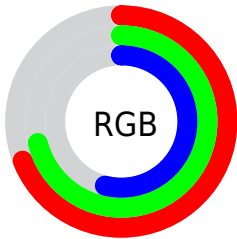
Format	Color
RYB	137, 180, 142
Decimal	11515017
CIELab	71.94, -9.03, 21.40
CIELCh	72, 23.232, 112.872
Yxy	43.5626, 0.3435, 0.3885
Android (android.graphics.Color)	4289705097 (0xFFAFB489)
YUV	173.6030, -18.0453, 1.2252
Hunter-Lab	66.0020, -11.3388, 19.2115

Details

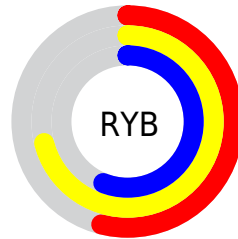
The Hex color **AFB489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8E89B4**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **E7ECBF**, and **7A7F57** is the 20% darker color. If you saturate the color by 10%, you get **ADB477**, and if you desaturate by 10%, it is **B1B49B**.

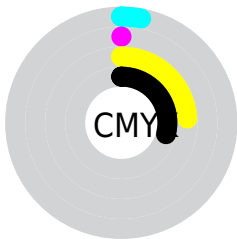
Distribution



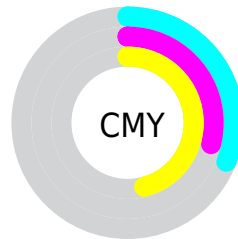
- Red (69%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFB489 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 AFB489 by changing the saturation by 10% instead.



AFB489



AFB489

FFFFFF



94996F



E7ECBF



7A7F57



FFFFDA



61663F



FFFFF7



494E29



323813



1D2200



000D00



000000



AFB489



AFB489

 ADB477

 B1B49B

 ABB465

 B3B4AD

 A9B453

 B5B4BF

 A7B441

 B7B4D1

 A5B42F

 B9B4E3

 A2B41D

 BCB4F5

 A0B40B

 BEB4FF

 9FB400

 C0B4FF

 C2B4FF

Harmonies

Analogous

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



C5AD87



AFB489



97B996

Triad

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



AFB489



7AB9D1



D7A2B6

Complementary

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



AFB489



8E89B4

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.



C7A6CA



AFB489



90B4DA

Square

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



AFB489



74BCC0



ADADD7



DCA2A1

Rectangle

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



AFB489



87BBA3



ADADD7



D3A2BD

Sweetspot

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



AFB489



E9EBDA



B48D89



74756C



F5F5F5



757575

Same Dimension

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



AFB489



E3EBA7



9AB489



585950



879900



171A00

Inverse Universe

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



8E89B4



AEA7EB



A389B4



515059



120099



03001A

Previews

White Background



This preview shows how the Hex color AFB489 looks on a white background.

Color Contrast Check

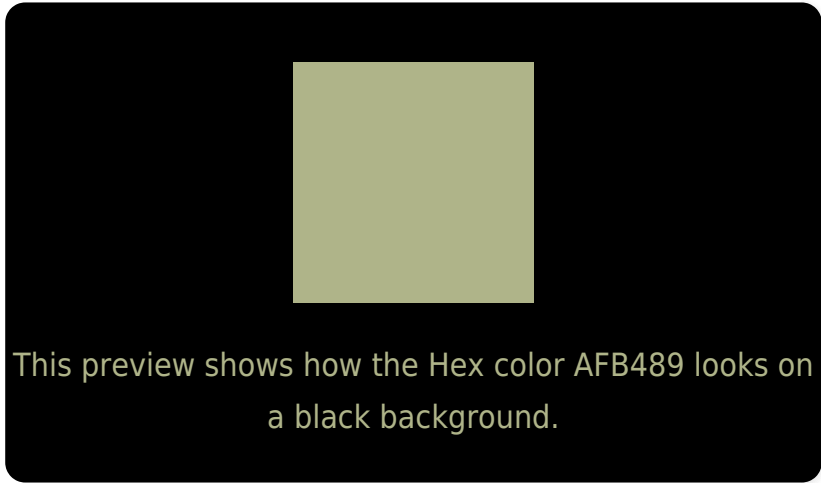
Large Text (above 18pt) WCAG AA × Fail

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

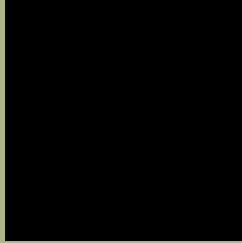
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

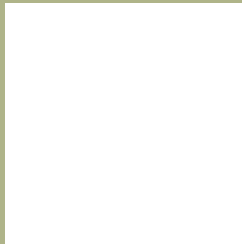
Any Text WCAG AAA ✓ Pass

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

Hex AFB489 Background



This preview shows how black text looks on a background with the Hex color AFB489.



This preview shows how white text looks on a background with the Hex color AFB489.

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
AFB489

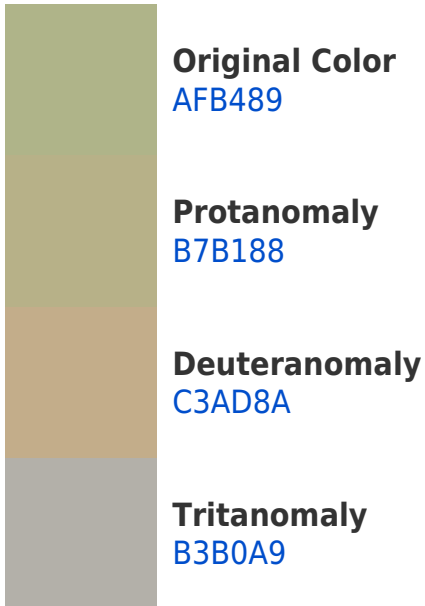
Protanopia
BCB087

Deuteranopia
CEA98B



Tritanopia
B6ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFB489 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 #AFB489 looks like.

```
.text, #text, p{  
    color:#AFB489  
}
```

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 #AFB489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB489
}
```

Border

The CSS property to change the border of an element to Hex AFB489 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
#AFB489 }
```

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

```
.border{ border-color:#AFB489 }
```

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

Here you see how a box with a 4 pixel #AFB489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB489; -webkit-box-shadow:4px 4px  
4px 4px #AFB489; box-shadow:4px 4px 4px  
4px #AFB489 }
```

Background

The CSS property to change the background color of an element to Hex AFB489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB489 }
```

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

```
.background{ background-color:#AFB489 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor