

Converting Colors

Hex(AFAC65)

Have a look what the booklet for
Hex(AFAC65) contains.

Hex(AFAC65)	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(AFAC65)

Conversions

Conversions Part 1

Format	Color
Hex	AFAC65
RGB	175, 172, 101
RGB Percent	69%, 67%, 40%
CMY	0.3137, 0.3255, 0.6039
CMYK	0.00, 0.02, 0.42, 0.31
HSL	58°, 32%, 54%
HSV	58°, 42%, 69%
XYZ	34.7807, 39.5586, 18.1144
YIQ	164.8030, 24.5790, -21.4450

Conversions

Conversions Part 2

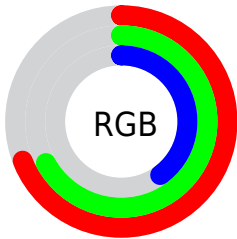
Format	Color
RYB	104, 175, 101
Decimal	11512933
CIELab	69.15, -9.41, 36.82
CIElCh	69, 38.003, 104.338
Yxy	39.5586, 0.3762, 0.4279
Android (android.graphics.Color)	4289703013 (0xFFAFAC65)
YUV	164.8030, -31.4549, 8.9428
Hunter-Lab	62.8956, -11.3585, 26.9510

Details

The Hex color **AFAC65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6568AF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8E399**, and **797834** is the 20% darker color. If you saturate the color by 10%, you get **AFAB54**, and if you desaturate by 10%, it is **AFAD77**.

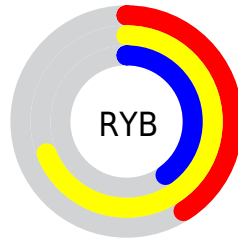
Distribution



Red (69%)

Green (67%)

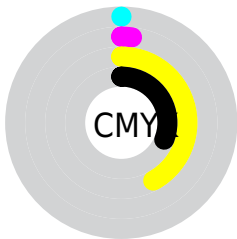
Blue (40%)



Red (41%)

Yellow (69%)

Blue (40%)

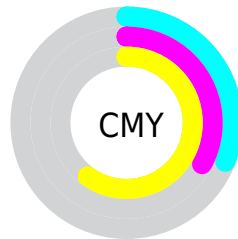


Cyan (0%)

Magenta (2%)

Yellow (42%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFAC65 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 AFAC65 by changing the saturation by 10% instead.



AFAC65



AFAC65

FFFFFF



94924C



E8E399



797834



FFFFB4



5F5F1C



FFFF00



464802



FFFFED



2F3100



161D00



000000



AFAC65



AFAC65



AFAB54



AFAD77

 AFAB42

 AFAD88

 AFAA31

 AFAE9A

 AFA91F

 AFAFAB

 AFA80E

 AFB0BD

 AFA800

 AFB0CE

 AFB1E0

 AFB2F1

 AFB2FF

Harmonies

Analogous

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



CFA067



AFAC65



89B576

Triad

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



AFAC65



11B9D8



E190BC

Complementary

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



AFAC65



6568AF

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.



C29ADA



AFAC65



56B1EA

Square

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



AFAC65



27BBB9



92A7EB



EC8E99

Rectangle

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



AFAC65



6CB98A



92A7EB



D893C7

Sweetspot

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



AFAC65



E3E2C5



AF6569



737260



F2F2F2



737373

Same Dimension

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



AFAC65



E3DE6F



8EAF65



57564E



969000



171600

Inverse Universe

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



6568AF



6F74E3



8665AF



4E4E57



000696



000117

Previews

White Background



This preview shows how the Hex color AFAC65 looks on a white background.

Color Contrast Check

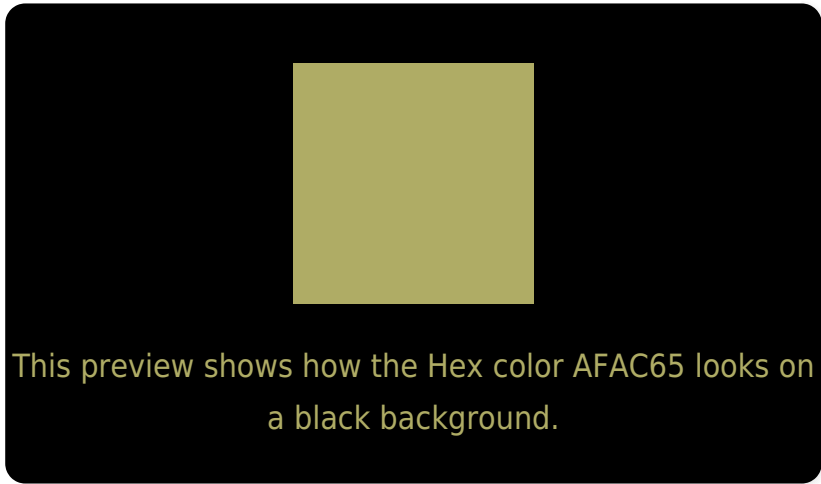
Large Text (above 18pt) WCAG AA × Fail

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

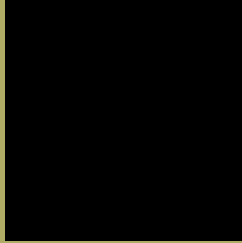
Any Text WCAG AA ✓ Pass

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 AFAC65 Background



This preview shows how black text looks on a background with the Hex color AFAC65.

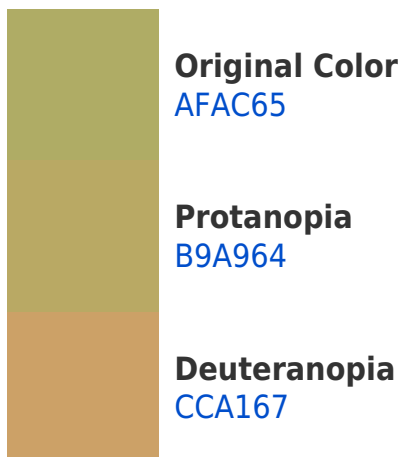


This preview shows how white text looks on a background with the Hex color AFAC65.

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](#).

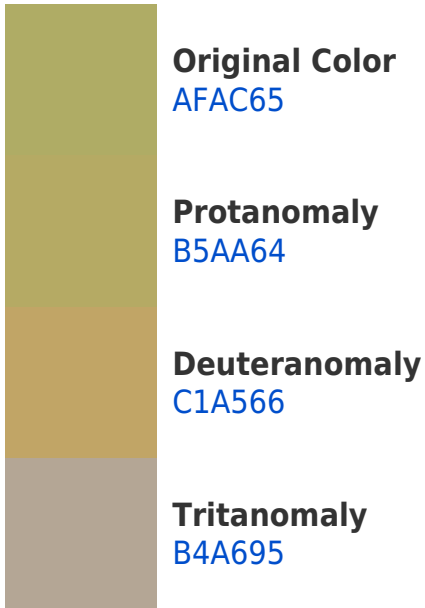
Dichromacy



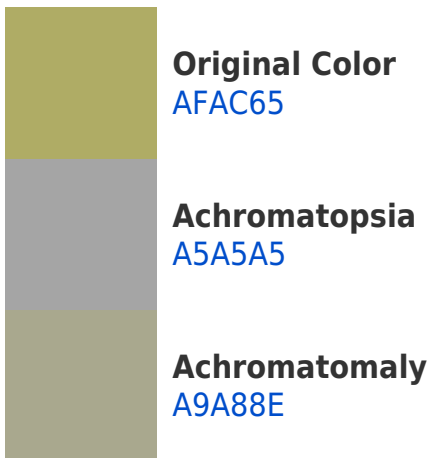


Tritanopia
B7A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFAC65 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 #AFAC65 looks like.

```
.text, #text, p{  
    color:#AFAC65  
}
```

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 #AFAC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFAC65  
}
```

Border

The CSS property to change the border of an element to Hex AFAC65 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  
#AFAC65 }
```

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

```
.border{ border-color:#AFAC65 }
```

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

Here you see how a box with a 4 pixel #AFAC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFAC65; -webkit-box-shadow:4px 4px  
4px 4px #AFAC65; box-shadow:4px 4px 4px  
4px #AFAC65 }
```

Background

The CSS property to change the background color of an element to Hex AFAC65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFAC65 }
```

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

```
.background{ background-color:#AFAC65 }
```

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