

Converting Colors

Hex(AFA66D)

Have a look what the booklet for
Hex(AFA66D) contains.

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Color

Hex(AFA66D)

Conversions

Conversions Part 1

Format	Color
Hex	AFA66D
RGB	175, 166, 109
RGB Percent	69%, 65%, 43%
CMY	0.3137, 0.3490, 0.5725
CMYK	0.00, 0.05, 0.38, 0.31
HSL	52°, 29%, 56%
HSV	52°, 38%, 69%
XYZ	34.0757, 37.4905, 19.9084
YIQ	162.1930, 23.6610, -15.8190

Conversions

Conversions Part 2

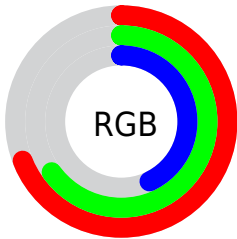
Format	Color
RYB	119, 175, 109
Decimal	11511405
CIELab	67.64, -5.33, 30.70
CIELCh	68, 31.157, 99.855
Yxy	37.4905, 0.3725, 0.4098
Android (android.graphics.Color)	4289701485 (0xFFAFA66D)
YUV	162.1930, -26.2241, 11.2317
Hunter-Lab	61.2295, -7.8120, 23.5829

Details

The Hex color **AFA66D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D76AF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E7DDA1**, and **79723C** is the 20% darker color. If you saturate the color by 10%, you get **AFA45C**, and if you desaturate by 10%, it is **AFA87F**.

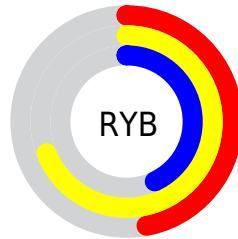
Distribution



Red (69%)

Green (65%)

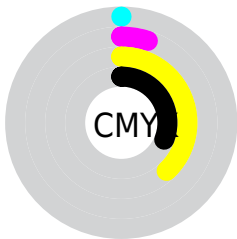
Blue (43%)



Red (47%)

Yellow (69%)

Blue (43%)

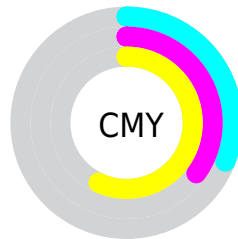


Cyan (0%)

Magenta (5%)

Yellow (38%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFA66D 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 AFA66D by changing the saturation by 10% instead.



AFA66D



AFA66D

FFFFFF



948C54



E7DDA1



79723C



FFF9BC



605A25



FFFFD8



47430E



FFFFF5



302C00



171800



000000



AFA66D



AFA66D



AFA45C



AFA87F

 AFA14A

 AFAB90

 AF9F38

 AFADA2

 AF9C27

 AFB0B3

 AF9A15

 AFB2C4

 AF9804

 AFB4D6

 AF9700

 AFB7E8

 AFB9F9

 AFBFF

Harmonies

Analogous

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



C99D71



AFA66D



90AE79

Triad

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



AFA66D



47B2C8



D092B9

Complementary

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



AFA66D



6D76AF

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.



B49AD0



AFA66D



63ADD9

Square

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



AFA66D



50B4AD



8DA4DC



DC909C

Rectangle

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



AFA66D



7AB188



8DA4DC



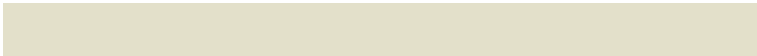
C894C1

Sweetspot

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



AFA66D



E3E0CA



AF6D77



737164



F2F2F2



737373

Same Dimension

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



AFA66D



E3D57D



98AF6D



57564E



968200



171400

Inverse Universe

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



6D76AF



7D8BE3



846DAF



4E4F57



001596



000317

Previews

White Background



This preview shows how the Hex color AFA66D looks on a white background.

Color Contrast Check

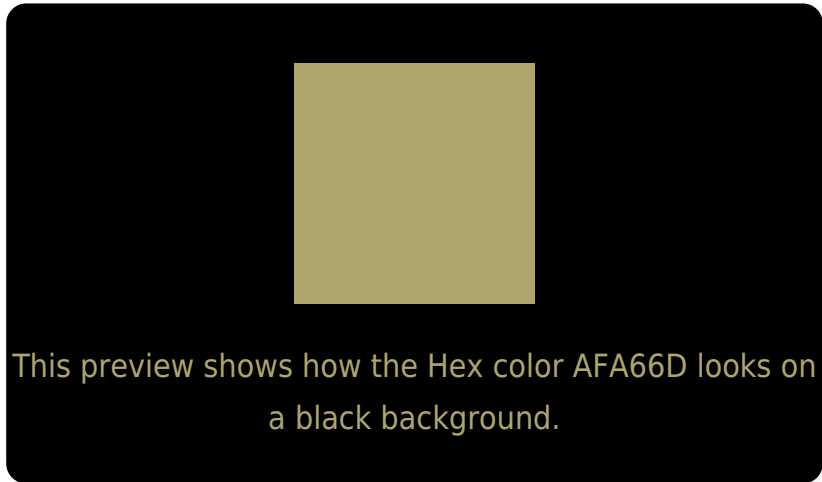
Large Text (above 18pt) WCAG AA × Fail

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

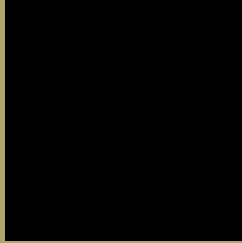
Any Text WCAG AA ✓ Pass

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 AFA66D Background



This preview shows how black text looks on a background with the Hex color AFA66D.



This preview shows how white text looks on a background with the Hex color AFA66D.

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
AFA66D

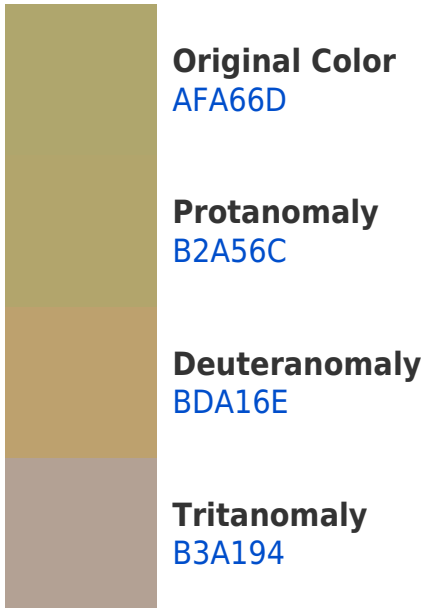
Protanopia
B3A56C

Deuteranopia
C59E6F

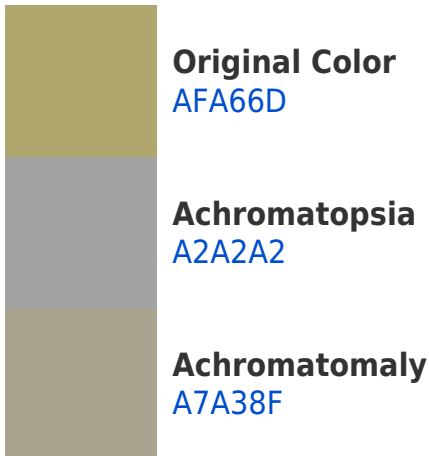


Tritanopia
B69EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFA66D 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 #AFA66D looks like.

```
.text, #text, p{  
    color:#AFA66D  
}
```

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 #AFA66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA66D
}
```

Border

The CSS property to change the border of an element to Hex AFA66D 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
#AFA66D }
```

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

```
.border{ border-color:#AFA66D }
```

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

Here you see how a box with a 4 pixel #AFA66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA66D; -webkit-box-shadow:4px 4px  
4px 4px #AFA66D; box-shadow:4px 4px 4px  
4px #AFA66D }
```

Background

The CSS property to change the background color of an element to Hex AFA66D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA66D }
```

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

```
.background{ background-color:#AFA66D }
```

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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