

Converting Colors

Hex(AF9742)

Have a look what the booklet for
Hex(AF9742) contains.

Hex(AF9742)	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(AF9742)

Conversions

Conversions Part 1

Format	Color
Hex	AF9742
RGB	175, 151, 66
RGB Percent	69%, 59%, 26%
CMY	0.3137, 0.4078, 0.7412
CMYK	0.00, 0.14, 0.62, 0.31
HSL	47°, 45%, 47%
HSV	47°, 62%, 69%
XYZ	29.7292, 31.6405, 9.6946
YIQ	148.4860, 41.5890, -21.3470

Conversions

Conversions Part 2

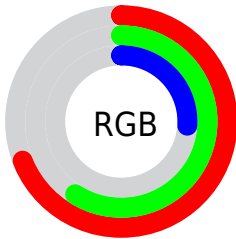
Format	Color
RYB	97, 175, 66
Decimal	11507522
CIELab	63.04, -1.30, 46.98
CIELCh	63, 46.995, 91.591
Yxy	31.6405, 0.4183, 0.4452
Android (android.graphics.Color)	4289697602 (0xFFAF9742)
YUV	148.4860, -40.6656, 23.2528
Hunter-Lab	56.2499, -4.0966, 29.1564

Details

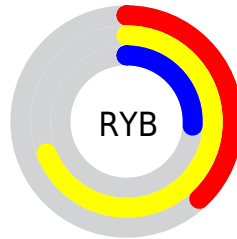
The Hex color **AF9742** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **425AAF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E9CD75**, and **77640C** is the 20% darker color. If you saturate the color by 10%, you get **AF9331**, and if you desaturate by 10%, it is **AF9B54**.

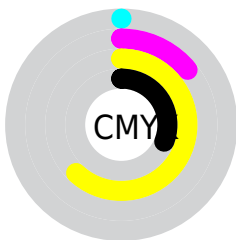
Distribution



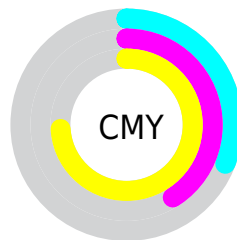
- Red (69%)
- Green (59%)
- Blue (26%)



- Red (38%)
- Yellow (69%)
- Blue (26%)



- Cyan (0%)
- Magenta (14%)
- Yellow (62%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF9742 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 AF9742 by changing the saturation by 10% instead.

 AF9742

 AF9742

FFFFFF

 937D29

 E9CD75

 77640C

 FFE990

 5D4D00

 FFFFAB

 433600

 FFFFC7

 2A2100

 FFFFEB

 0D0C00

 000000

 AF9742

 AF9742

 AF9331

 AF9B54

 AF8F1F

 AF9F65

 AF8B0E

 AFA377

 AF8800

 AFA688

 AFAA9A

 AFAEAB

 AFB2BD

 AFB6CE

 AFBAE0

Harmonies

Analogous

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



D1884F



AF9742



84A34E

Triad

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



AF9742



00ADC3



CE7DC1

Complementary

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



AF9742



425AAF

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.



9E8DE0



AF9742



00A7E1

Square

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



AF9742



00AE9A



519CEC



E57598

Rectangle

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



AF9742



62A863



519CEC



C182CD

Sweetspot

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



AF9742



E3D9B8



AF425B



736D58



F2F2F2



737373

Same Dimension

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



AF9742



E3BD39



92AF42



57554E



967500



171200

Inverse Universe

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



425AAF



395EE3



5F42AF



4E5057



002196



000517

Previews

White Background



This preview shows how the Hex color AF9742 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 AF9742 Background



This preview shows how black text looks on a background with the Hex color AF9742.



This preview shows how white text looks on a background with the Hex color AF9742.

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
AF9742

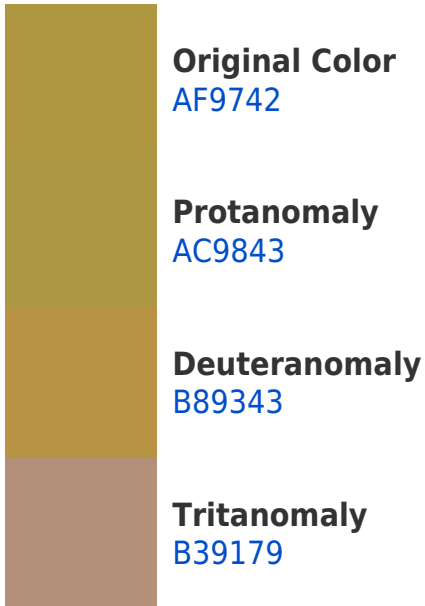
Protanopia
AA9943

Deuteranopia
BD9144

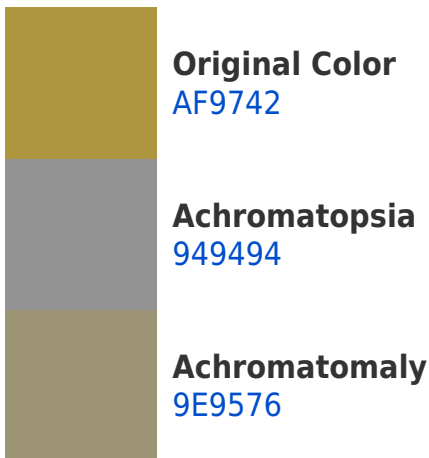


Tritanopia
B68E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF9742 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 #AF9742 looks like.

```
.text, #text, p{  
    color:#AF9742  
}
```

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 #AF9742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9742
}
```

Border

The CSS property to change the border of an element to Hex AF9742 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
#AF9742 }
```

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

```
.border{ border-color:#AF9742 }
```

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

Here you see how a box with a 4 pixel #AF9742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9742; -webkit-box-shadow:4px 4px  
4px 4px #AF9742; box-shadow:4px 4px 4px  
4px #AF9742 }
```

Background

The CSS property to change the background color of an element to Hex AF9742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9742 }
```

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

```
.background{ background-color:#AF9742 }
```

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