

Converting Colors

Hex(AF9244)

Have a look what the booklet for
Hex(AF9244) contains.

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Color

Hex(AF9244)

Conversions

Conversions Part 1

Format	Color
Hex	AF9244
RGB	175, 146, 68
RGB Percent	69%, 57%, 27%
CMY	0.3137, 0.4275, 0.7333
CMYK	0.00, 0.17, 0.61, 0.31
HSL	44°, 44%, 48%
HSV	44°, 61%, 69%
XYZ	29.0015, 30.0891, 9.7481
YIQ	145.7790, 42.3220, -18.1100

Conversions

Conversions Part 2

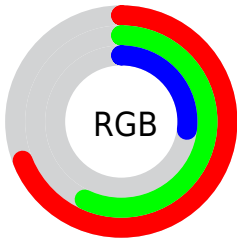
Format	Color
RYB	108, 175, 68
Decimal	11506244
CIELab	61.73, 1.57, 44.55
CIELCh	62, 44.575, 87.988
Yxy	30.0891, 0.4213, 0.4371
Android (android.graphics.Color)	4289696324 (0xFFAF9244)
YUV	145.7790, -38.3450, 25.6268
Hunter-Lab	54.8535, -1.6194, 27.8610

Details

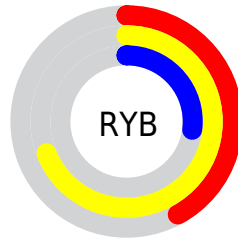
The Hex color **AF9244** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4461AF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E9C877**, and **776011** is the 20% darker color. If you saturate the color by 10%, you get **AF8D33**, and if you desaturate by 10%, it is **AF9756**.

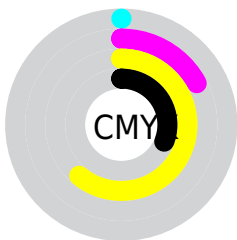
Distribution



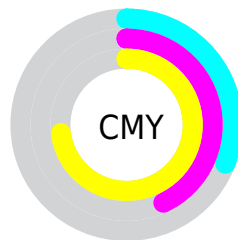
- Red (69%)
- Green (57%)
- Blue (27%)



- Red (42%)
- Yellow (69%)
- Blue (27%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (31%)



- Cyan (31%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF9244 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 AF9244 by changing the saturation by 10% instead.



AF9244



AF9244

FFFFFF



93782B



E9C877



776011



FFE491



5D4800



FFFFAC



433200



FFFFC8



2A1D00



FFFFE5



0D0500



000000



AF9244



AF9244



AF8D33



AF9756

 AF8921

 AF9B67

 AF8410

 AFA079

 AF8000

 AFA58A

 AFAA9C

 AFAEAD

 AFB3BF

 AFB8D0

 AFBDE2

Harmonies

Analogous

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



CE8453



AF9244



879E4D

Triad

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



AF9244



00A9B9



C37DC0

Complementary

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



AF9244



4461AF

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.



948CDB



AF9244



00A4D7

Square

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



AF9244



00A991



489AE4



DC7499

Rectangle

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



AF9244



68A35E



489AE4



B682CA

Sweetspot

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



AF9244



E3D8BA



AF4462



736C5A



F2F2F2



737373

Same Dimension

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



AF9244



E3B63D



98AF44



57544E



966E00



171100

Inverse Universe

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



4461AF



3D6AE3



5B44AF



4E5057



002996



000617

Previews

White Background



This preview shows how the Hex color AF9244 looks on a white background.

Color Contrast Check

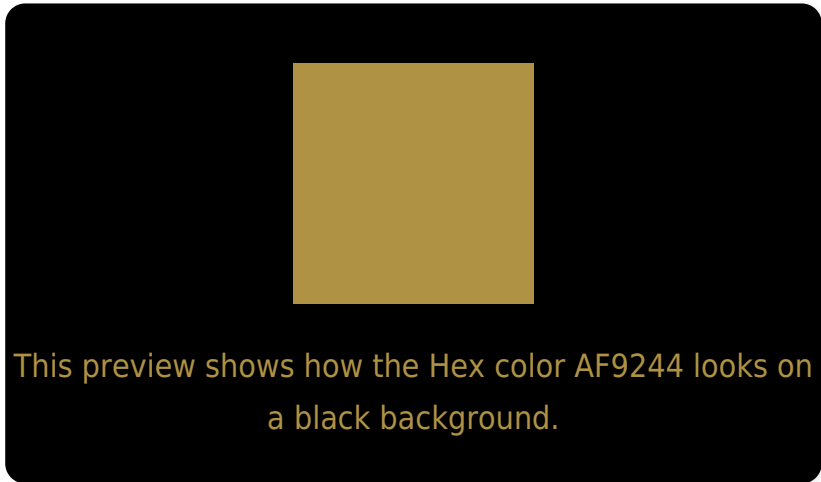
Large Text (above 18pt) WCAG AA × Fail

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 AF9244 Background



This preview shows how black text looks on a background with the Hex color AF9244.



This preview shows how white text looks on a background with the Hex color AF9244.

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
AF9244

Protanopia
A69545

Deuteranopia
B88E45

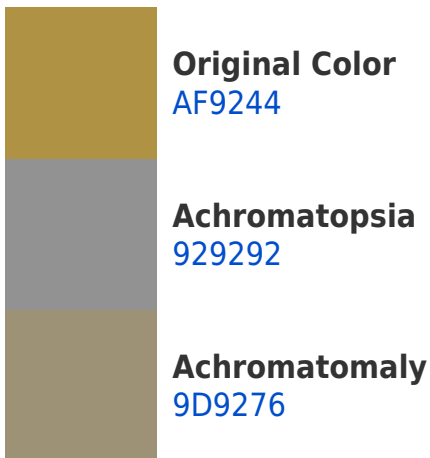


Tritanopia
B68994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF9244 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 #AF9244 looks like.

```
.text, #text, p{  
    color:#AF9244  
}
```

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 #AF9244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9244
}
```

Border

The CSS property to change the border of an element to Hex AF9244 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
#AF9244 }
```

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

```
.border{ border-color:#AF9244 }
```

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

Here you see how a box with a 4 pixel #AF9244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9244; -webkit-box-shadow:4px 4px  
4px 4px #AF9244; box-shadow:4px 4px 4px  
4px #AF9244 }
```

Background

The CSS property to change the background color of an element to Hex AF9244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9244 }
```

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

```
.background{ background-color:#AF9244 }
```

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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