

Converting Colors

Hex(AFA950)

Have a look what the booklet for
Hex(AFA950) contains.

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Color

Hex(AFA950)

Conversions

Conversions Part 1

Format	Color
Hex	AFA950
RGB	175, 169, 80
RGB Percent	69%, 66%, 31%
CMY	0.3137, 0.3373, 0.6863
CMYK	0.00, 0.03, 0.54, 0.31
HSL	56°, 37%, 50%
HSV	56°, 54%, 69%
XYZ	33.3151, 38.0691, 13.1816
YIQ	160.6480, 32.1450, -26.4070

Conversions

Conversions Part 2

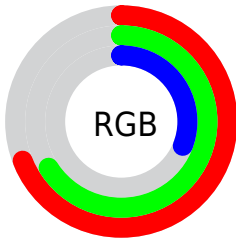
Format	Color
RYB	86, 175, 80
Decimal	11512144
CIELab	68.07, -9.84, 46.01
CIElCh	68, 47.053, 102.072
Yxy	38.0691, 0.3940, 0.4502
Android (android.graphics.Color)	4289702224 (0xFFAFA950)
YUV	160.6480, -39.7595, 12.5867
Hunter-Lab	61.7001, -11.5938, 30.5234

Details

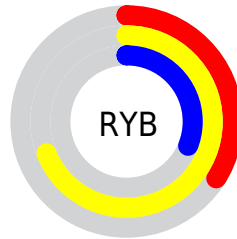
The Hex color **AFA950** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5056AF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **E8E084**, and **78751D** is the 20% darker color. If you saturate the color by 10%, you get **AFA83F**, and if you desaturate by 10%, it is **AFAA62**.

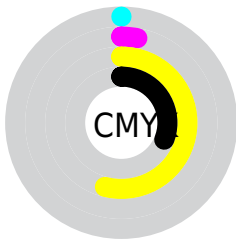
Distribution



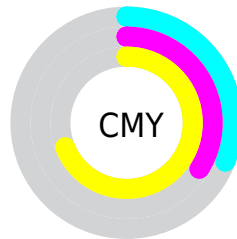
- Red (69%)
- Green (66%)
- Blue (31%)



- Red (34%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (54%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFA950 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 AFA950 by changing the saturation by 10% instead.



AFA950



AFA950

FFFFFF



938F37



E8E084



78751D



FFFD9F



5E5D00



FFFFBA



454500



FFFFD6



2B2F00



FFFFF3



121B00



000000



AFA950



AFA950



AFA83F



AF6A62

 AFA72D

 AFAB73

 AFA61C

 AFAC85

 AFA50A

 AFAD96

 AFA400

 AFAFA8

 AFB0B9

 AFB1CB

 AFB2DC

 AFB3EE

Harmonies

Analogous

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



D59B54



AFA950



80B465

Triad

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



AFA950



00B9DE



E786C1

Complementary

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



AFA950



5056AF

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.



C094E5



AFA950



00B2F6

Square

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



AFA950



00BCB6



7FA4F9



F68396

Rectangle

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



AFA950



5AB87D



7FA4F9



DD8ACE

Sweetspot

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



AFA950



E3E1BF



AF5056



73715D



F2F2F2



737373

Same Dimension

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



AFA950



E3DA4F



86AF50



57564E



968D00



171600

Inverse Universe

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



5056AF



4F59E3



7950AF



4E4F57



000A96



000117

Previews

White Background



This preview shows how the Hex color AFA950 looks on a white background.

Color Contrast Check

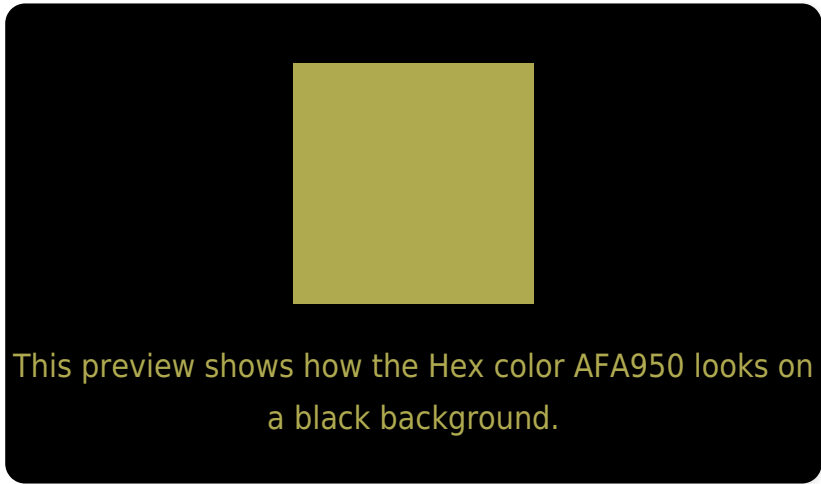
Large Text (above 18pt) WCAG AA × Fail

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

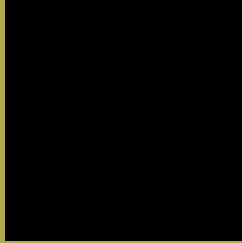
Any Text WCAG AA ✓ Pass

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 AFA950 Background



This preview shows how black text looks on a background with the Hex color AFA950.



This preview shows how white text looks on a background with the Hex color AFA950.

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

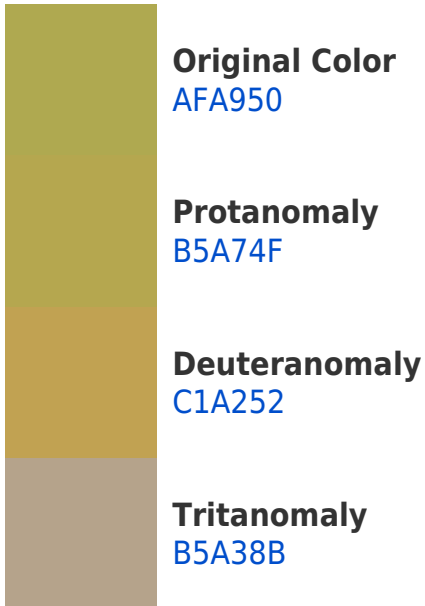


Original Color
AFA950

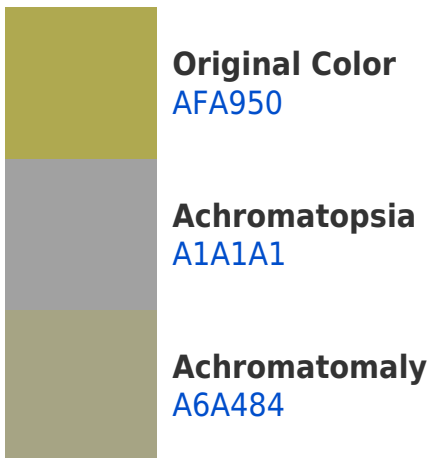
Protanopia
B8A64F

Deuteranopia
CC9E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFA950 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 #AFA950 looks like.

```
.text, #text, p{  
    color:#AFA950  
}
```

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 #AFA950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA950
}
```

Border

The CSS property to change the border of an element to Hex AFA950 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
#AFA950 }
```

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

```
.border{ border-color:#AFA950 }
```

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

Here you see how a box with a 4 pixel #AFA950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA950; -webkit-box-shadow:4px 4px  
4px 4px #AFA950; box-shadow:4px 4px 4px  
4px #AFA950 }
```

Background

The CSS property to change the background color of an element to Hex AFA950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA950 }
```

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

```
.background{ background-color:#AFA950 }
```

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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