

# Converting Colors

Hex(AFA250)

Have a look what the booklet for  
Hex(AFA250) contains.

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**Color**

**Hex(AFA250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFA250
RGB	175, 162, 80
RGB Percent	69%, 64%, 31%
CMY	0.3137, 0.3647, 0.6863
CMYK	0.00, 0.07, 0.54, 0.31
HSL	52°, 37%, 50%
HSV	52°, 54%, 69%
XYZ	32.0475, 35.5338, 12.7590
YIQ	156.5390, 34.0700, -22.7460

# Conversions

## Conversions Part 2

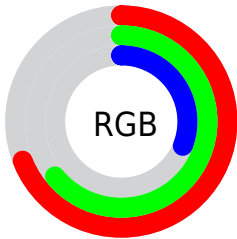
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">95, 175, 80</a>
Decimal	<a href="#">11510352</a>
CIELab	<a href="#">66.16, -6.14, 43.79</a>
CIELCh	<a href="#">66, 44.217, 97.982</a>
Yxy	<a href="#">35.5338, 0.3989, 0.4423</a>
Android (android.graphics.Color)	<a href="#">4289700432 (0xFFAFA250)</a>
YUV	<a href="#">156.5390, -37.7337, 16.1903</a>
Hunter-Lab	<a href="#">59.6102, -8.3532, 29.0367</a>

# Details

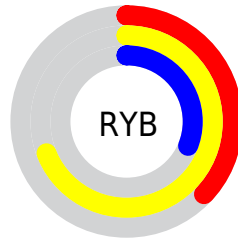
The Hex color **AFA250** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **505DAF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E8D984**, and **786F1E** is the 20% darker color. If you saturate the color by 10%, you get **AFA03F**, and if you desaturate by 10%, it is **AFA462**.

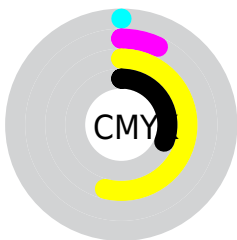
# Distribution



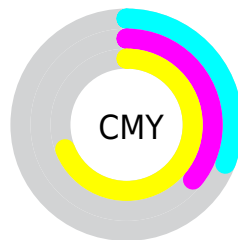
- Red (69%)
- Green (64%)
- Blue (31%)



- Red (37%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (54%)
- Black (31%)



- Cyan (31%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFA250 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 AFA250 by changing the saturation by 10% instead.



 AFA250

 AFA250

FFFFFF

 938837

 E8D984

 786F1E

 FFF59E

 5E5600

 FFFFBA

 453F00

 FFFF00

 2B2A00

 FFFFF3

 111600

 000000

 AFA250

 AFA250

 AFA03F

 AFA462

 AF9D2D

 AFA773

 AF9B1C

 AFA985

 AF980A

 AFAC96

 AF9700

 AFAEA8

 AFB0B9

 AFB3CB

 AFB5DC

 AFB8EE

# Harmonies

## Analogous

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



D19457



AFA250



84AD60

# Triad

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



AFA250



00B4D0



DB85BF

# Complementary

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



AFA250



505DAF

# 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.



B292E0



AFA250



00ADEA

# Square

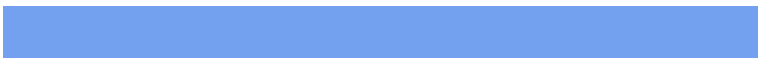
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFA250



00B5AB



74A1EF



EC8098

# Rectangle

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



AFA250



63B175



74A1EF



D089CB



# Sweetspot

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



AFA250



E3DEBF



AF505E



73705D



F2F2F2



737373



# Same Dimension

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



AFA250



E3CF4F



8EAF50



57564E



968200



171400



# Inverse Universe

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



505DAF



4F64E3



7150AF



4E4F57



001596



000317



# Previews

## White Background



This preview shows how the Hex color AFA250 looks on a white background.

## Color Contrast Check

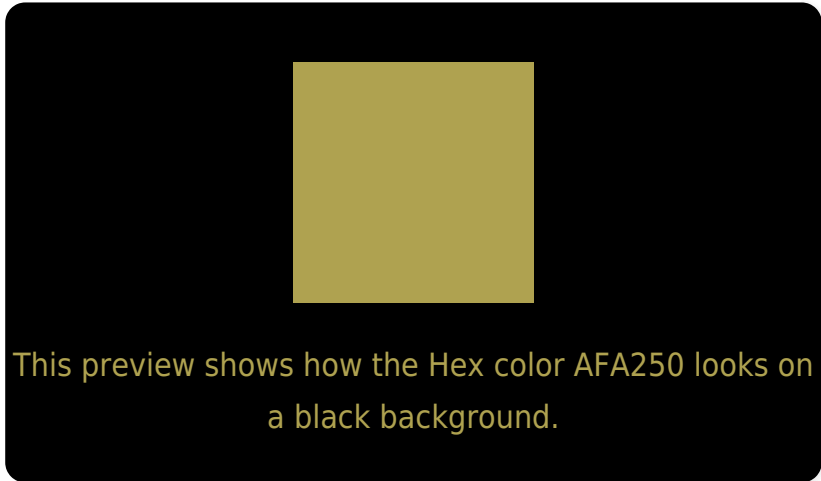
Large Text (above 18pt) WCAG AA × Fail

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

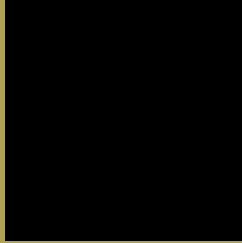
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFA250 Background



This preview shows how black text looks on a background with the Hex color AFA250.



This preview shows how white text looks on a background with the Hex color AFA250.

# 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**  
AFA250

**Protanopia**  
B2A150

**Deuteranopia**  
C69952



**Tritanopia**  
B799A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFA250 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 #AFA250 looks like.

```
.text, #text, p{  
    color:#AFA250  
}
```

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 #AFA250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFA250
}
```

## Border

The CSS property to change the border of an element to Hex AFA250 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
#AFA250 }
```

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

```
.border{ border-color:#AFA250 }
```

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

Here you see how a box with a 4 pixel #AFA250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFA250; -webkit-box-shadow:4px 4px  
4px 4px #AFA250; box-shadow:4px 4px 4px  
4px #AFA250 }
```

# Background

The CSS property to change the background color of an element to Hex AFA250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFA250 }
```

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

```
.background{ background-color:#AFA250 }
```

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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