

# Converting Colors

Hex(AF9F55)

Have a look what the booklet for  
Hex(AF9F55) contains.

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**Color**

**Hex(AF9F55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9F55
RGB	175, 159, 85
RGB Percent	69%, 62%, 33%
CMY	0.3137, 0.3765, 0.6667
CMYK	0.00, 0.09, 0.51, 0.31
HSL	49°, 36%, 51%
HSV	49°, 51%, 69%
XYZ	31.7170, 34.5661, 13.5946
YIQ	155.3480, 33.2900, -19.6220

# Conversions

## Conversions Part 2

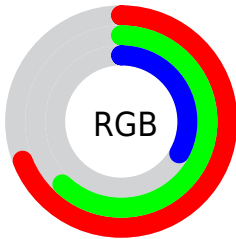
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 175, 85
Decimal	11509589
CIELab	65.41, -4.10, 40.40
CIELCh	65, 40.607, 95.789
Yxy	34.5661, 0.3971, 0.4327
Android (android.graphics.Color)	4289699669 (0xFFAF9F55)
YUV	155.3480, -34.6816, 17.2348
Hunter-Lab	58.7930, -6.5923, 27.4455

# Details

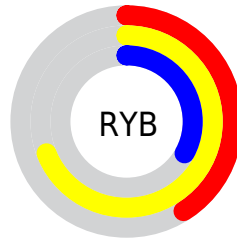
The Hex color **AF9F55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5565AF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E8D588**, and **786C24** is the 20% darker color. If you saturate the color by 10%, you get **AF9C44**, and if you desaturate by 10%, it is **AFA266**.

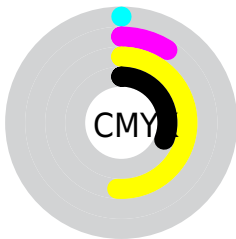
# Distribution



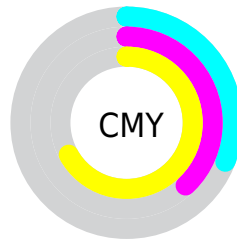
- Red (69%)
- Green (62%)
- Blue (33%)



- Red (41%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9F55 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 AF9F55 by changing the saturation by 10% instead.



 AF9F55

 AF9F55

FFFFFF

 93853C

 E8D588

 786C24

 FFF2A3

 5E5409

 FFFFBF

 453D00

 FFFFDB

 2C2700

 FFFFF8

 121300

 000000

 AF9F55

 AF9F55

 AF9C44

 AFA266

 AF9932

 AFA578

 AF9620

 AFA88A

 AF930F

 AFAB9B

 AF9000

 AFAFAC

 AFB2BE

 AFB5CF

 AFB8E1

 AFBBF3

# Harmonies

## Analogous

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



CE925D



AF9F55



88A962

# Triad

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



AF9F55



00B0C8



D286BD

# Complementary

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



AF9F55



5565AF

# 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.



AC93DA



AF9F55



19ABE0

# Square

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



AF9F55



06B2A5



73A0E7



E48199

# Rectangle

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



AF9F55



6BAE75



73A0E7



C78AC8



# Sweetspot

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



AF9F55



E3DDC1



AF5566



736F5E



F2F2F2



737373



# Same Dimension

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



AF9F55



E3CA56



93AF55



57554E



967C00



171300



# Inverse Universe

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



5565AF



566FE3



7155AF



4E5057



001B96



000417



# Previews

## White Background



This preview shows how the Hex color AF9F55 looks on a white background.

## Color Contrast Check

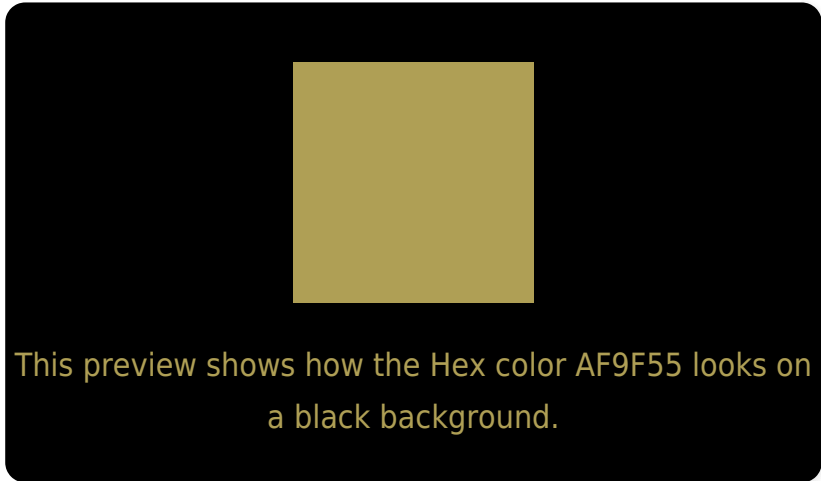
Large Text (above 18pt) WCAG AA × Fail

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 AF9F55 Background



This preview shows how black text looks on a background with the Hex color AF9F55.



This preview shows how white text looks on a background with the Hex color AF9F55.

# 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**  
AF9F55

**Protanopia**  
AF9F55

**Deuteranopia**  
C29757



**Tritanopia**  
B696A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9F55 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 #AF9F55 looks like.

```
.text, #text, p{  
    color:#AF9F55  
}
```

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 #AF9F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9F55
}
```

## Border

The CSS property to change the border of an element to Hex AF9F55 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
#AF9F55 }
```

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

```
.border{ border-color:#AF9F55 }
```

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

Here you see how a box with a 4 pixel #AF9F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9F55; -webkit-box-shadow:4px 4px  
4px 4px #AF9F55; box-shadow:4px 4px 4px  
4px #AF9F55 }
```

# Background

The CSS property to change the background color of an element to Hex AF9F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9F55 }
```

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

```
.background{ background-color:#AF9F55 }
```

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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