

# Converting Colors

Hex(AF7652)

Have a look what the booklet for  
Hex(AF7652) contains.

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**Color**

**Hex(AF7652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF7652
RGB	175, 118, 82
RGB Percent	69%, 46%, 32%
CMY	0.3137, 0.5373, 0.6784
CMYK	0.00, 0.33, 0.53, 0.31
HSL	23°, 37%, 50%
HSV	23°, 53%, 69%
XYZ	25.6806, 22.6800, 11.0068
YIQ	130.9390, 45.5280, 0.8880

# Conversions

## Conversions Part 2

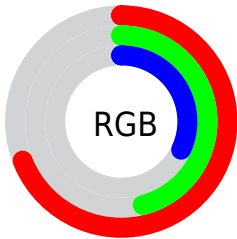
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 141, 82
Decimal	11499090
CIE <sub>Lab</sub>	54.74, 18.32, 28.80
CIE <sub>LCh</sub>	55, 34.134, 57.537
Yxy	22.6800, 0.4326, 0.3820
Android (android.graphics.Color)	4289689170 (0xFFAF7652)
YUV	130.9390, -24.1269, 38.6415
Hunter-Lab	47.6235, 12.9135, 19.6333

# Details

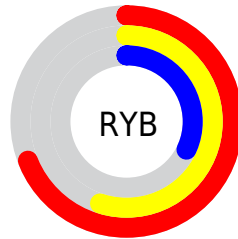
The Hex color **AF7652** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **528BAF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E9AA84**, and **774524** is the 20% darker color. If you saturate the color by 10%, you get **AF6B41**, and if you desaturate by 10%, it is **AF8164**.

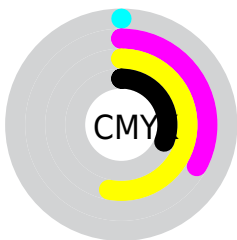
# Distribution



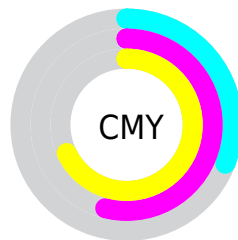
- Red (69%)
- Green (46%)
- Blue (32%)



- Red (69%)
- Yellow (55%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF7652 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 AF7652 by changing the saturation by 10% instead.



 AF7652

 AF7652

FFFFFF

 935D3A

 E9AA84

 774524

 FFC69E

 5D2F0E

 FFE2B9

 431900

 FFFFD5

 2A0200

 FFFFF2

 000000

 AF7652

 AF7652

 AF6B41

 AF8164

 AF612F

 AF8B75

 AF561E

 AF9687

 AF4B0C

 AFA198

 AF4400

 AFACAA

 AFB6BB

 AFC1CD

 AFCCDE

 AFD7F0

# Harmonies

## Analogous

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



BB6E69



AF7652



988047

# Triad

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



AF7652



29927F



827CB7

# Complementary

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



AF7652



528BAF

# 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.



5187BE



AF7652



00929D

# Square

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



AF7652



578F62



008EB4



A672A3

# Rectangle

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



AF7652



858749



008EB4



7380BB



# Sweetspot

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



AF7652



E3CDBF



AF528B



73655D



F2F2F2



737373



# Same Dimension

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



AF7652



E38A52



AFA452



57514E



963A00



170900



# Inverse Universe

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



528BAF



52ABE3



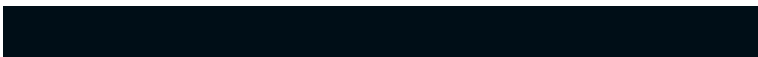
525DAF



4E5357



005C96



000E17



# Previews

## White Background



This preview shows how the Hex color AF7652 looks on a white background.

## Color Contrast Check

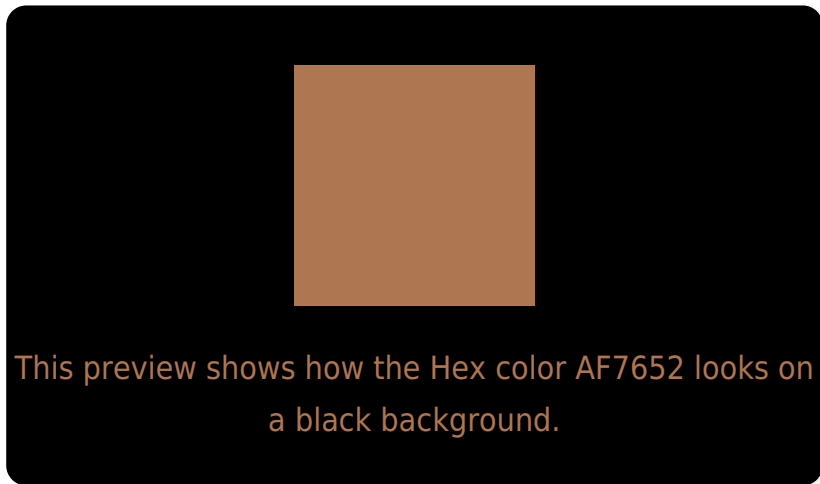
Large Text (above 18pt) WCAG AA ✓ Pass

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

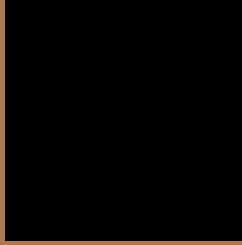
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF7652 Background



This preview shows how black text looks on a background with the Hex color AF7652.



This preview shows how white text looks on a background with the Hex color AF7652.

# 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**  
AF7652

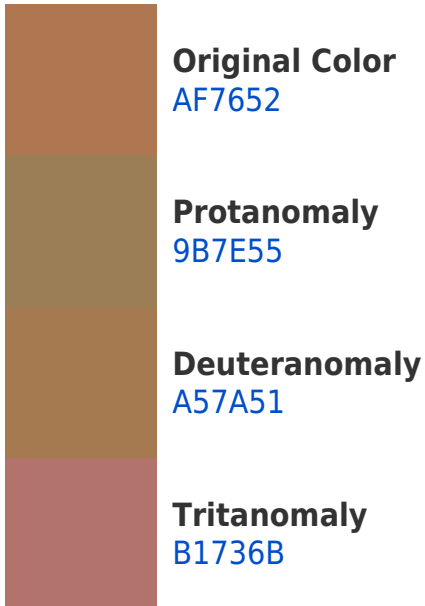
**Protanopia**  
8F8357

**Deuteranopia**  
9F7D50



**Tritanopia**  
B27179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF7652 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 #AF7652 looks like.

```
.text, #text, p{  
    color:#AF7652  
}
```

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 #AF7652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF7652  
}
```

## Border

The CSS property to change the border of an element to Hex AF7652 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  
#AF7652 }
```

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

```
.border{ border-color:#AF7652 }
```

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

Here you see how a box with a 4 pixel #AF7652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF7652; -webkit-box-shadow:4px 4px  
4px 4px #AF7652; box-shadow:4px 4px 4px  
4px #AF7652 }
```

# Background

The CSS property to change the background color of an element to Hex AF7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF7652 }
```

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

```
.background{ background-color:#AF7652 }
```

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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