

# Converting Colors

Hex(AF8076)

Have a look what the booklet for  
Hex(AF8076) contains.

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**Color**

**Hex(AF8076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF8076
RGB	175, 128, 118
RGB Percent	69%, 50%, 46%
CMY	0.3137, 0.4980, 0.5373
CMYK	0.00, 0.27, 0.33, 0.31
HSL	11°, 26%, 57%
HSV	11°, 33%, 69%
XYZ	28.6684, 25.8603, 20.6201
YIQ	140.9130, 31.2220, 6.8540

# Conversions

## Conversions Part 2

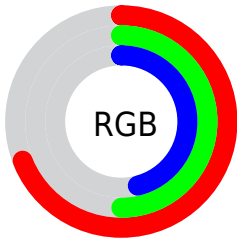
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 130, 118
Decimal	11501686
CIE <sub>Lab</sub>	57.90, 16.77, 12.57
CIE <sub>LCh</sub>	58, 20.954, 36.856
Yxy	25.8603, 0.3815, 0.3441
Android (android.graphics.Color)	4289691766 (0xFFAF8076)
YUV	140.9130, -11.2961, 29.8943
Hunter-Lab	50.8530, 11.6365, 11.5560

# Details

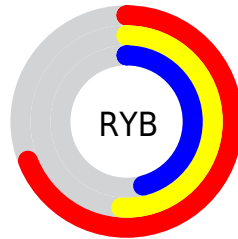
The Hex color **AF8076** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **76A5AF**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E8B5AA**, and **794F46** is the 20% darker color. If you saturate the color by 10%, you get **AF7265**, and if you desaturate by 10%, it is **AF8E88**.

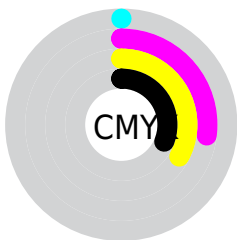
# Distribution



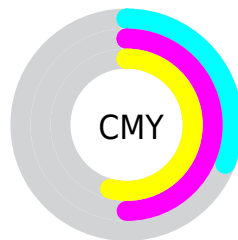
- Red (69%)
- Green (50%)
- Blue (46%)



- Red (69%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF8076 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 AF8076 by changing the saturation by 10% instead.



 AF8076

 AF8076

FFFFFF

 94675D

 E8B5AA

 794F46

 FFD1C5

 5F372F

 FFEDE1

 46211A

FFFFFFE

 2F0C00

 120000

 000000

 AF8076

 AF8076

 AF7265

 AF8E88

 AF6353

 AF9D99

 AF5542

 AFABAB

 AF4630

 AFBABC

 AF381E

 AFC8CE

 AF290D

 AFD7DF

 AF1F00

 AFE5F1

 AFF3FF

 AFFFFFF

# Harmonies

## Analogous

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



B07E87



AF8076



A5856A

# Triad

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



AF8076



6B947C



7B8BAF

# Complementary

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



AF8076



76A5AF

# 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.



6391AC



AF8076



5B968F

# Square

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



AF8076



80916D



5694A0



9385A8

# Rectangle

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



AF8076



9B8967



5694A0



728DAF



# Sweetspot

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



AF8076



E3D0CC



AF76A5



736765



F2F2F2



737373



# Same Dimension

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



AF8076



E39A8A



AF9C76



57504E



961A00



170400



# Inverse Universe

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



76A5AF



8AD3E3



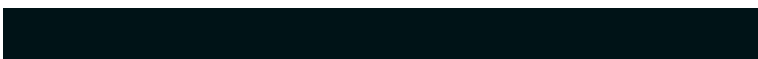
7689AF



4E5557



007C96



001317



# Previews

## White Background



This preview shows how the Hex color AF8076 looks on a white background.

## Color Contrast Check

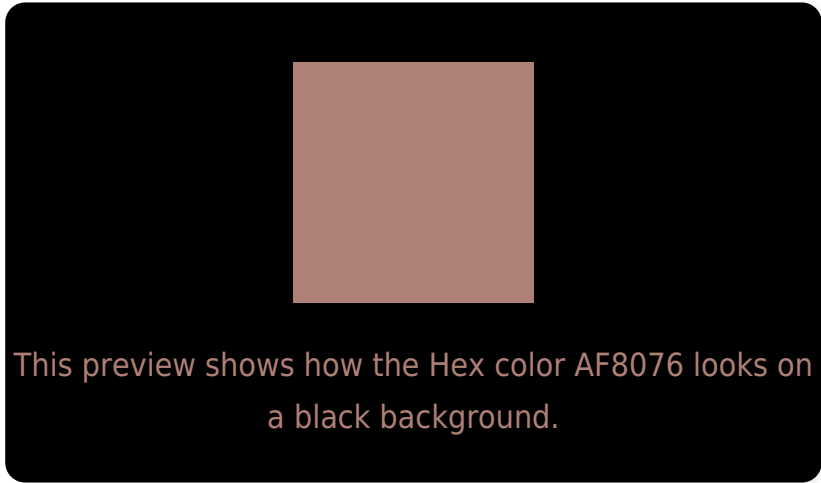
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF8076 Background



This preview shows how black text looks on a background with the Hex color AF8076.



This preview shows how white text looks on a background with the Hex color AF8076.

# 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**  
AF8076

**Protanopia**  
928B7C

**Deuteranopia**  
A18675



**Tritanopia**  
B17D87

# Trichromacy



**Original Color**  
AF8076

**Protanomaly**  
9D877A

**Deuteranomaly**  
A68475

**Tritanomaly**  
B07E81

# Monochromacy



**Original Color**  
AF8076

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
998885

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF8076 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 #AF8076 looks like.

```
.text, #text, p{  
    color:#AF8076  
}
```

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 #AF8076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF8076  
}
```

## Border

The CSS property to change the border of an element to Hex AF8076 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  
#AF8076 }
```

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

```
.border{ border-color:#AF8076 }
```

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

Here you see how a box with a 4 pixel #AF8076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF8076; -webkit-box-shadow:4px 4px  
4px 4px #AF8076; box-shadow:4px 4px 4px  
4px #AF8076 }
```

# Background

The CSS property to change the background color of an element to Hex AF8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF8076 }
```

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

```
.background{ background-color:#AF8076 }
```

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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