

# Converting Colors

Hex(AF6D83)

Have a look what the booklet for  
Hex(AF6D83) contains.

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**Color**

**Hex(AF6D83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF6D83
RGB	175, 109, 131
RGB Percent	69%, 43%, 51%
CMY	0.3137, 0.5725, 0.4863
CMYK	0.00, 0.38, 0.25, 0.31
HSL	340°, 29%, 56%
HSV	340°, 38%, 69%
XYZ	27.2446, 21.6899, 24.2234
YIQ	131.2420, 32.2740, 20.8340

# Conversions

## Conversions Part 2

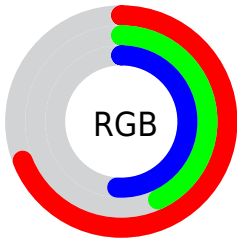
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 109, 131
Decimal	11496835
CIE Lab	53.70, 29.26, -1.02
CIE LCh	54, 29.275, 358.003
Yxy	21.6899, 0.3724, 0.2965
Android (android.graphics.Color)	4289686915 (0xFFAF6D83)
YUV	131.2420, -0.1193, 38.3758
Hunter-Lab	46.5725, 22.9195, 1.7627

# Details

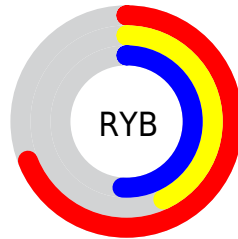
The Hex color **AF6D83** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6DAF99**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **E8A1B8**, and **793C52** is the 20% darker color. If you saturate the color by 10%, you get **AF5C77**, and if you desaturate by 10%, it is **AF7F8F**.

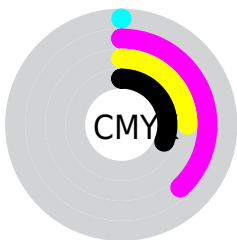
# Distribution



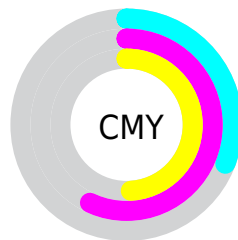
- Red (69%)
- Green (43%)
- Blue (51%)



- Red (69%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (31%)



- Cyan (31%)
- Magenta (57%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF6D83 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 AF6D83 by changing the saturation by 10% instead.



 AF6D83

 AF6D83

FFFFFF

 94546A

 E8A1B8

 793C52

 FFBDD4

 5F243B

 FFD9F0

 460C25

 FFF6FF

 2E0010

 050000

 000000

 AF6D83

 AF6D83

 AF5C77

 AF7F8F

 AF4A6C

 AF909A

 AF3860

 AFA2A6

 AF2754

 AFB3B2

 AF1549

 AFC4BD

 AF043D

 AFD6C9

 AF003A

 AFE8D5

 AFF9E0

 AFFFEC

# Harmonies

## Analogous

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



9F729B



AF6D83



B16F6A

# Triad

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



AF6D83



798653



308AAA

# Complementary

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



AF6D83



6DAF99

# 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.



1F8D97



AF6D83



5B8B65

# Square

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



AF6D83



937E4E



3B8E7E



5A83B2

# Rectangle

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



AF6D83



AB735C



3B8E7E



258BA5



# Sweetspot

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



AF6D83



E3CAD2



996DAF



736469



F2F2F2



737373



# Same Dimension

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



AF6D83



E37D9F



AF786D



574E51



960032



170008



# Inverse Universe

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



AF6D83



E37D9F



6DA4AF



574E51



960032

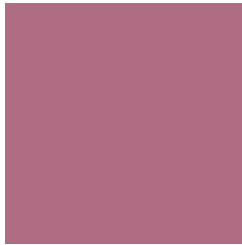


170008



# Previews

## White Background



This preview shows how the Hex color AF6D83 looks on a white background.

## Color Contrast Check

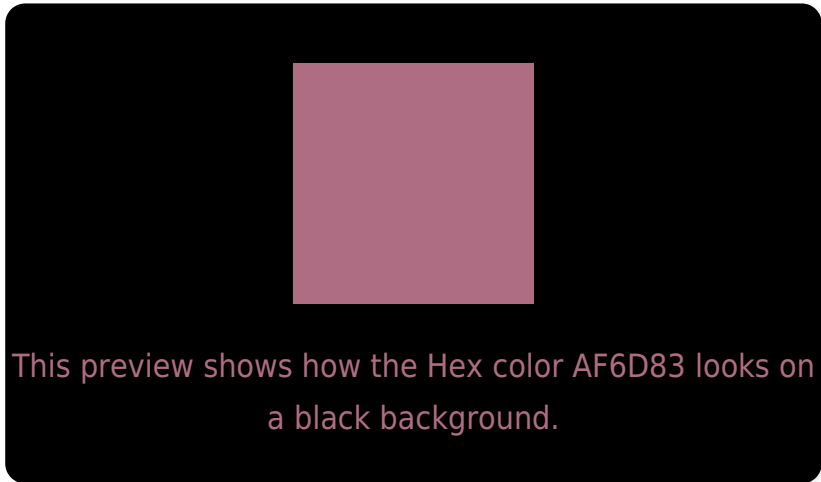
Large Text (above 18pt) WCAG AA ✓ Pass

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

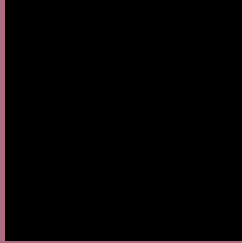
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF6D83 Background



This preview shows how black text looks on a background with the Hex color AF6D83.



This preview shows how white text looks on a background with the Hex color AF6D83.

# 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





**Tritanopia**  
AE6F77

# Trichromacy



**Original Color**  
AF6D83

**Protanomaly**  
90798A

**Deuteranomaly**  
997781

**Tritanomaly**  
AE6E7B

# Monochromacy



**Original Color**  
AF6D83

**Achromatopsia**  
838383

**Achromatomaly**  
937B83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF6D83 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 #AF6D83 looks like.

```
.text, #text, p{  
    color:#AF6D83  
}
```

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 #AF6D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6D83
}
```

## Border

The CSS property to change the border of an element to Hex AF6D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

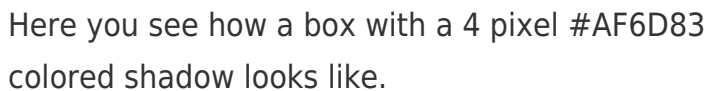
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF6D83 }
```

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

```
.border{ border-color:#AF6D83 }
```

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



Here you see how a box with a 4 pixel `#AF6D83` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6D83; -webkit-box-shadow:4px 4px  
4px 4px #AF6D83; box-shadow:4px 4px 4px  
4px #AF6D83 }
```

# Background

The CSS property to change the background color of an element to Hex AF6D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6D83 }
```

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

```
.background{ background-color:#AF6D83 }
```

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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