

# Converting Colors

Hex(AF648B)

Have a look what the booklet for  
Hex(AF648B) contains.

<b>Hex(AF648B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AF648B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF648B
RGB	175, 100, 139
RGB Percent	69%, 39%, 55%
CMY	0.3137, 0.6078, 0.4549
CMYK	0.00, 0.43, 0.21, 0.31
HSL	329°, 32%, 54%
HSV	329°, 43%, 69%
XYZ	26.8966, 20.0924, 26.8867
YIQ	126.8710, 32.1810, 28.0290

# Conversions

## Conversions Part 2

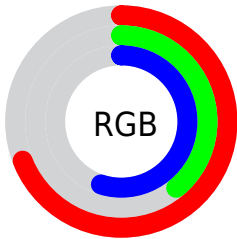
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 100, 139
Decimal	11494539
CIE <sub>Lab</sub>	51.94, 35.41, -8.33
CIE <sub>LCh</sub>	52, 36.380, 346.757
Yxy	20.0924, 0.3641, 0.2720
Android (android.graphics.Color)	4289684619 (0xFFAF648B)
YUV	126.8710, 5.9796, 42.2091
Hunter-Lab	44.8245, 28.6644, -4.1862

# Details

The Hex color **AF648B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **64AF88**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **E898C0**, and **793259** is the 20% darker color. If you saturate the color by 10%, you get **AF5383**, and if you desaturate by 10%, it is **AF7693**.

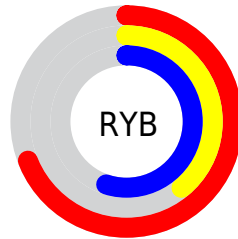
# Distribution



Red (69%)

Green (39%)

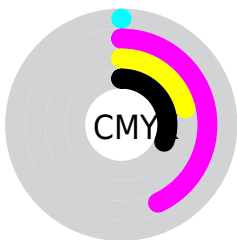
Blue (55%)



Red (69%)

Yellow (39%)

Blue (55%)

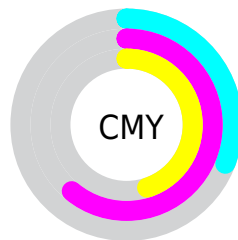


Cyan (0%)

Magenta (43%)

Yellow (21%)

Black (31%)



Cyan (31%)

Magenta (61%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF648B 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 AF648B by changing the saturation by 10% instead.



 AF648B

 AF648B

FFFFFF

 934B72

 E898C0

 793259

 FFB4DC

 5E1942

 FFD0F9

 45002C

 FFECFF

 2F0017

 020000

 000000

 AF648B

 AF648B

 AF5383

 AF7693



# Harmonies

## Analogous

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



956DA7



AF648B



B7636B

# Triad

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



AF648B



7E803E



0089A8

# Complementary

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



AF648B



64AF88

# 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.



008C8D



AF648B



5B8750

# Square

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



AF648B



9B753F



2B8B6D



2483B8

# Rectangle

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



AF648B



B46758



2B8B6D



008BA0



# Sweetspot

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



AF648B



E3C5D5



8764AF



73606A



F2F2F2



737373



# Same Dimension

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



AF648B



E36FAB



AF6466



574E53



96004E



17000C



# Inverse Universe

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



AF648B



E36FAB



64AFAD



574E53



96004E

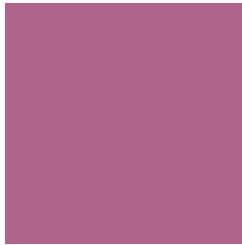


17000C



# Previews

## White Background



This preview shows how the Hex color AF648B looks on a white background.

## Color Contrast Check

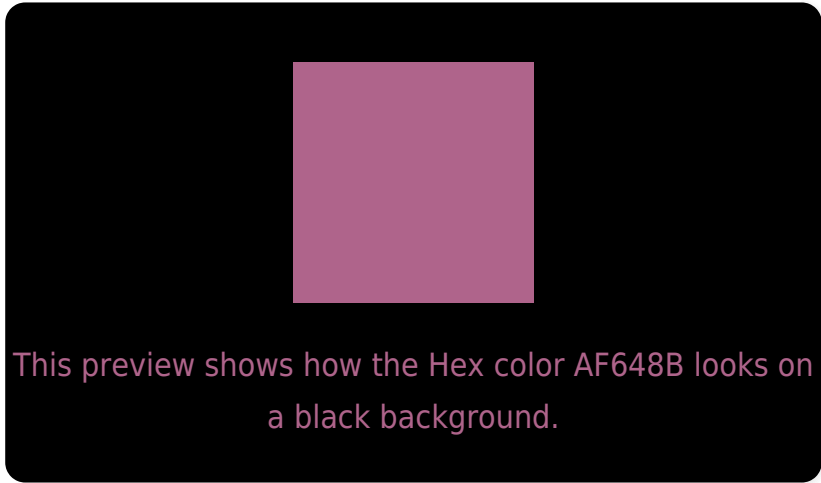
Large Text (above 18pt) WCAG AA ✓ Pass

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

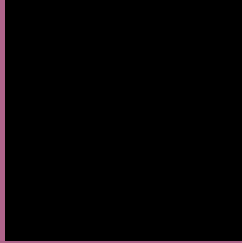
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF648B Background



This preview shows how black text looks on a background with the Hex color AF648B.




This preview shows how white text looks on a background with the Hex color AF648B.

# 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](#).

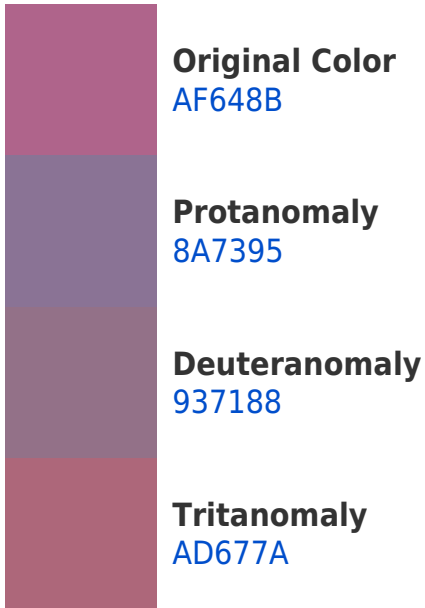
## Dichromacy





**Tritanopia**  
AC6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF648B 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 #AF648B looks like.

```
.text, #text, p{  
    color:#AF648B  
}
```

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 #AF648B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF648B
}
```

## Border

The CSS property to change the border of an element to Hex AF648B is called "border". The border property can be set on classes, ids or directly on the HTML element.

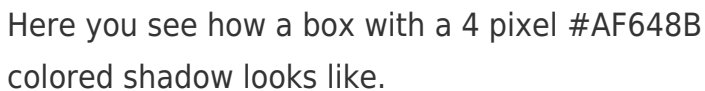
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF648B }
```

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

```
.border{ border-color:#AF648B }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow that is 4 pixels wide and 4 pixels high. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel `#AF648B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF648B; -webkit-box-shadow:4px 4px  
4px 4px #AF648B; box-shadow:4px 4px 4px  
4px #AF648B }
```

# Background

The CSS property to change the background color of an element to Hex AF648B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF648B }
```

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

```
.background{ background-color:#AF648B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor