

# Converting Colors

Hex(AF4C8B)

Have a look what the booklet for  
Hex(AF4C8B) contains.

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# Color

**Hex(AF4C8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF4C8B
RGB	175, 76, 139
RGB Percent	69%, 30%, 55%
CMY	0.3137, 0.7020, 0.4549
CMYK	0.00, 0.57, 0.21, 0.31
HSL	322°, 39%, 49%
HSV	322°, 57%, 69%
XYZ	24.9238, 16.1469, 26.2291
YIQ	112.7830, 38.7810, 40.5810

# Conversions

## Conversions Part 2

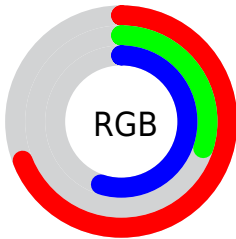
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 76, 139
Decimal	11488395
CIELab	47.17, 47.76, -15.54
CIElCh	47, 50.226, 341.983
Yxy	16.1469, 0.3703, 0.2399
Android (android.graphics.Color)	4289678475 (0xFFAF4C8B)
YUV	112.7830, 12.9250, 54.5643
Hunter-Lab	40.1832, 40.3948, -10.5726

# Details

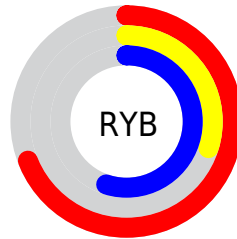
The Hex color **AF4C8B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4CAF70**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E981C1**, and **781359** is the 20% darker color. If you saturate the color by 10%, you get **AF3B85**, and if you desaturate by 10%, it is **AF5E91**.

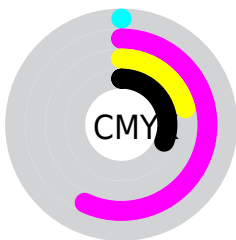
# Distribution



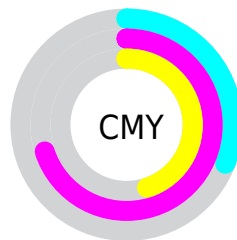
- Red (69%)
- Green (30%)
- Blue (55%)



- Red (69%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (57%)
- Yellow (21%)
- Black (31%)



- Cyan (31%)
- Magenta (70%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF4C8B 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 AF4C8B by changing the saturation by 10% instead.



■ AF4C8B

■ AF4C8B

FFFFFF

■ 933171

■ E981C1

■ 781359

■ FF9CDC

■ 5D0041

■ FFB8F9

■ 43002B

■ FFD5FF

■ 2B0017

■ FFF2FF

■ 000000

■ AF4C8B

■ AF4C8B

■ AF3B85

■ AF5E91

■ AF297E

■ AF6F98

 AF1878

 AF819E

 AF0672

 AF92A4

 AF006F

 AFA3AB

 AFB5B1

 AFC7B8

 AFD8BE

 AFEAC4

# Harmonies

## Analogous

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



885DAF



AF4C8B



BC4761

# Triad

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



AF4C8B



767311



0082A7

# Complementary

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



AF4C8B



4CAF70

# 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.



008480



AF4C8B



467D2C

# Square

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



AF4C8B



9A641A



008254



007CC0

# Rectangle

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



AF4C8B



B94E46



008254



00839C



# Sweetspot

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



AF4C8B



E3BCD5



6F4CAF



735C6A



F2F2F2



737373



# Same Dimension

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



AF4C8B



E349AB



AF4C5B



574E54



960060



17000F



# Inverse Universe

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



AF4C8B



E349AB



4CAFA0



574E54



960060



17000F



# Previews

## White Background



This preview shows how the Hex color AF4C8B looks on a white background.

## Color Contrast Check

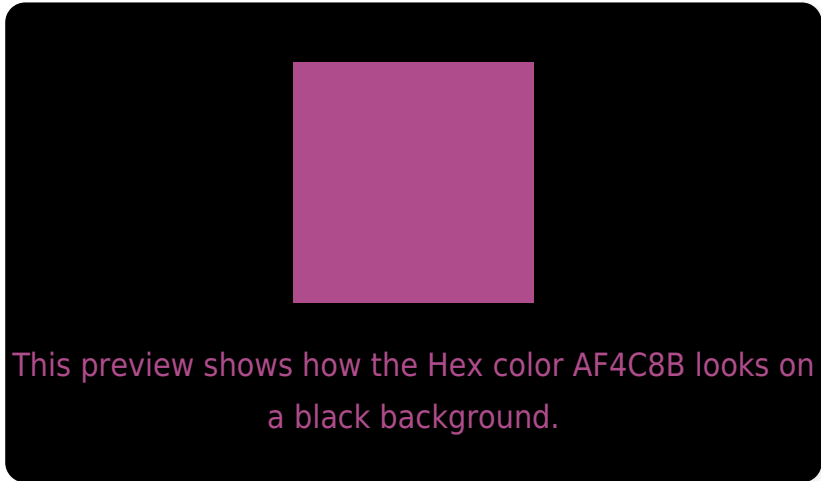
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

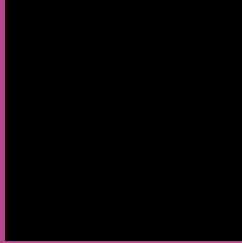
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AF4C8B Background



This preview shows how black text looks on a background with the Hex color AF4C8B.

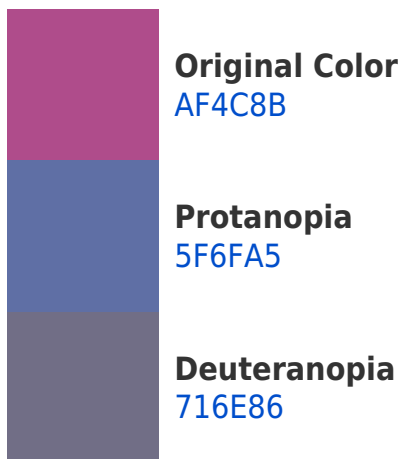



This preview shows how white text looks on a background with the Hex color AF4C8B.

# 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](#).

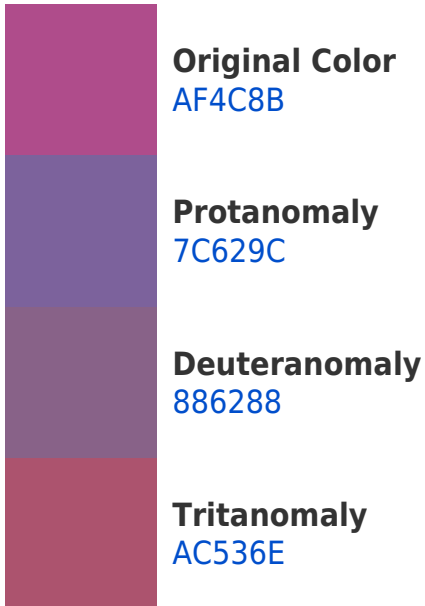
## Dichromacy





**Tritanopia**  
AB575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF4C8B 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 #AF4C8B looks like.

```
.text, #text, p{  
    color:#AF4C8B  
}
```

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 #AF4C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF4C8B
}
```

## Border

The CSS property to change the border of an element to Hex AF4C8B 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
#AF4C8B }
```

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

```
.border{ border-color:#AF4C8B }
```

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

Here you see how a box with a 4 pixel #AF4C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF4C8B; -webkit-box-shadow:4px 4px  
4px 4px #AF4C8B; box-shadow:4px 4px 4px  
4px #AF4C8B }
```

# Background

The CSS property to change the background color of an element to Hex AF4C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF4C8B }
```

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

```
.background{ background-color:#AF4C8B }
```

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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