

# Converting Colors

Hex(AF4974)

Have a look what the booklet for  
Hex(AF4974) contains.

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**Color**

**Hex(AF4974)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF4974
RGB	175, 73, 116
RGB Percent	69%, 29%, 45%
CMY	0.3137, 0.7137, 0.5451
CMYK	0.00, 0.58, 0.34, 0.31
HSL	335°, 41%, 49%
HSV	335°, 58%, 69%
XYZ	23.2141, 15.1400, 18.2218
YIQ	108.4000, 46.9890, 34.9970

# Conversions

## Conversions Part 2

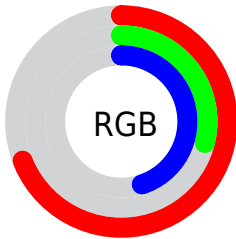
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 73, 116
Decimal	11487604
CIE Lab	45.83, 46.05, -3.62
CIE LCh	46, 46.195, 355.506
Yxy	15.1400, 0.4103, 0.2676
Android (android.graphics.Color)	4289677684 (0xFFAF4974)
YUV	108.4000, 3.7468, 58.4082
Hunter-Lab	38.9102, 38.4018, -0.5286

# Details

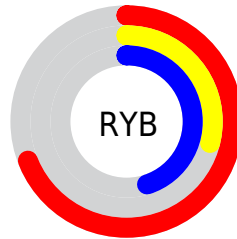
The Hex color **AF4974** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49AF84**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E97EA8**, and **770F44** is the 20% darker color. If you saturate the color by 10%, you get **AF386A**, and if you desaturate by 10%, it is **AF5B7E**.

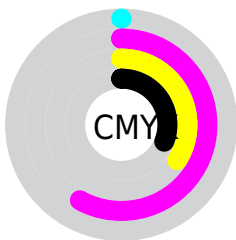
# Distribution



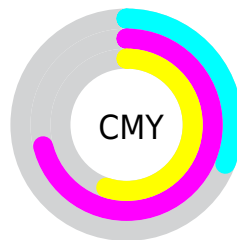
- Red (69%)
- Green (29%)
- Blue (45%)



- Red (69%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF4974 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 AF4974 by changing the saturation by 10% instead.



 AF4974

 AF4974

FFFFFF

 932E5B

 E97EA8

 770F44

 FF99C3

 5C002E

 FFB5DF

 410019

 FFD1FC

 290001

 FFEEFF

 000000

 AF4974

 AF4974

 AF386A

 AF5B7E

 AF2660

 AF6C88

 AF1556

 AF7E92

 AF034C

 AF8F9C

 AF004A

 AFA1A7

 AFB2B1

 AFC4BB

 AFD5C5

 AFE7CF

# Harmonies

## Analogous

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



965499



AF4974



B24C4E

# Triad

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



AF4974



607420



007BAC

# Complementary

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



AF4974



49AF84

# 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.



007F8D



AF4974



2C7B3F

# Square

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



AF4974



866918



007F65



0073BA

# Rectangle

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



AF4974



A95437



007F65



007DA3



# Sweetspot

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



AF4974



E3BCCD



8349AF



735C65



F2F2F2



737373



# Same Dimension

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



AF4974



E34487



AF5049



574E52



96003F



17000A



# Inverse Universe

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



AF4974



E34487



49A8AF



574E52



96003F



17000A



# Previews

## White Background



This preview shows how the Hex color AF4974 looks on a white background.

## Color Contrast Check

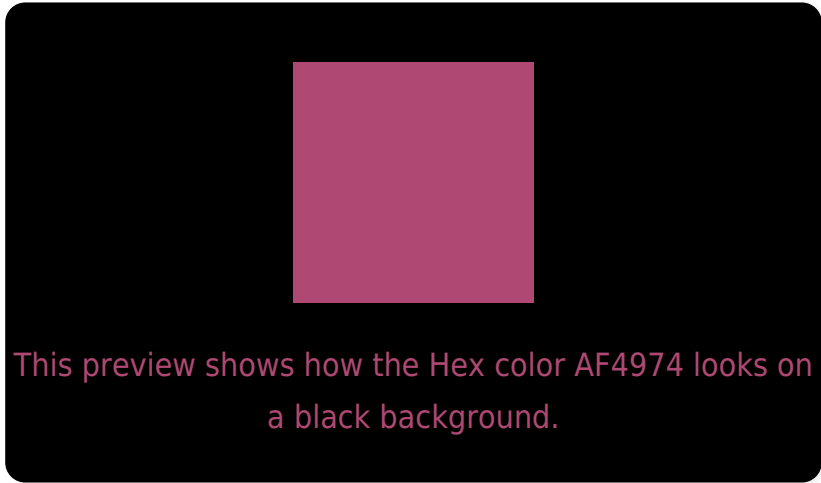
Large Text (above 18pt) WCAG AA ✓ Pass

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

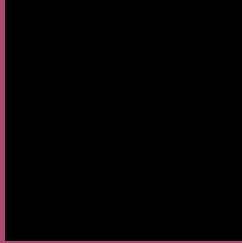
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AF4974 Background



This preview shows how black text looks on a background with the Hex color AF4974.



This preview shows how white text looks on a background with the Hex color AF4974.

# 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**  
AF4974

**Protanopia**  
666C8B

**Deuteranopia**  
776A6F



**Tritanopia**  
AC4F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF4974 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 #AF4974 looks like.

```
.text, #text, p{  
    color:#AF4974  
}
```

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 #AF4974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF4974  
}
```

## Border

The CSS property to change the border of an element to Hex AF4974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

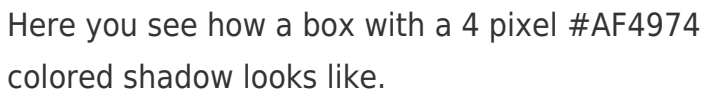
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AF4974 }
```

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

```
.border{ border-color:#AF4974 }
```

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



Here you see how a box with a 4 pixel #AF4974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF4974; -webkit-box-shadow:4px 4px  
4px 4px #AF4974; box-shadow:4px 4px 4px  
4px #AF4974 }
```

# Background

The CSS property to change the background color of an element to Hex AF4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF4974 }
```

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

```
.background{ background-color:#AF4974 }
```

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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