

# Converting Colors

Hex(AC4A71)

Have a look what the booklet for  
Hex(AC4A71) contains.

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**Color**

**Hex(AC4A71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC4A71
RGB	172, 74, 113
RGB Percent	67%, 29%, 44%
CMY	0.3255, 0.7098, 0.5569
CMYK	0.00, 0.57, 0.34, 0.33
HSL	336°, 40%, 48%
HSV	336°, 57%, 67%
XYZ	22.4427, 14.8605, 17.3083
YIQ	107.7480, 45.8890, 32.9050

# Conversions

## Conversions Part 2

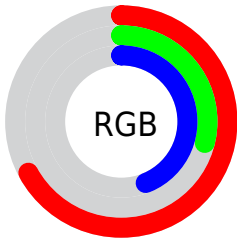
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 74, 113
Decimal	11291249
CIE <sub>Lab</sub>	45.44, 44.20, -2.41
CIE <sub>LCh</sub>	45, 44.268, 356.884
Yxy	14.8605, 0.4110, 0.2721
Android (android.graphics.Color)	4289481329 (0xFFAC4A71)
YUV	107.7480, 2.5892, 56.3490
Hunter-Lab	38.5493, 36.4581, 0.3638

# Details

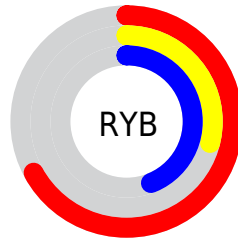
The Hex color **AC4A71** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4AAC85**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E67FA5**, and **741341** is the 20% darker color. If you saturate the color by 10%, you get **AC3967**, and if you desaturate by 10%, it is **AC5B7B**.

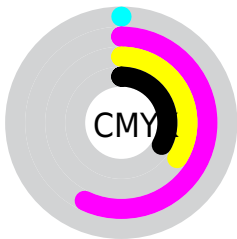
# Distribution



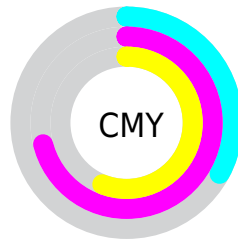
- Red (67%)
- Green (29%)
- Blue (44%)



- Red (67%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC4A71 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 AC4A71 by changing the saturation by 10% instead.



 AC4A71

 AC4A71

FFFFFF

 903059

 E67FA5

 741341

 FF9AC0

 59002B

 FFB5DC

 3F0017

 FFD2F8

 260001

 FFEEFF

 000000

 AC4A71

 AC4A71

 AC3967

 AC5B7B

 AC285C

 AC6C86

 AC1652

 AC7E90

 AC0548

 AC8F9A

 AC0044

 ACA0A5

 ACB1AF

 ACC2B9

 ACD4C4

 ACE5CE

# Harmonies

## Analogous

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



955494



AC4A71



AE4D4C

# Triad

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



AC4A71



5F7325



0079A9

# Complementary

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



AC4A71



4AAC85

# 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.



007D8C



AC4A71



2C7A41

# Square

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



AC4A71



83681C



007D66



0071B5

# Rectangle

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



AC4A71



A55537



007D66



007BA1



# Sweetspot

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



AC4A71



E0BAC9



854AAC



705A63



F0F0F0



707070



# Same Dimension

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



AC4A71



E04885



AC544A



574E51



96003C



170009



# Inverse Universe

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



AC4A71



E04885



4AA2AC



574E51



96003C



170009



# Previews

## White Background



This preview shows how the Hex color AC4A71 looks on a white background.

## Color Contrast Check

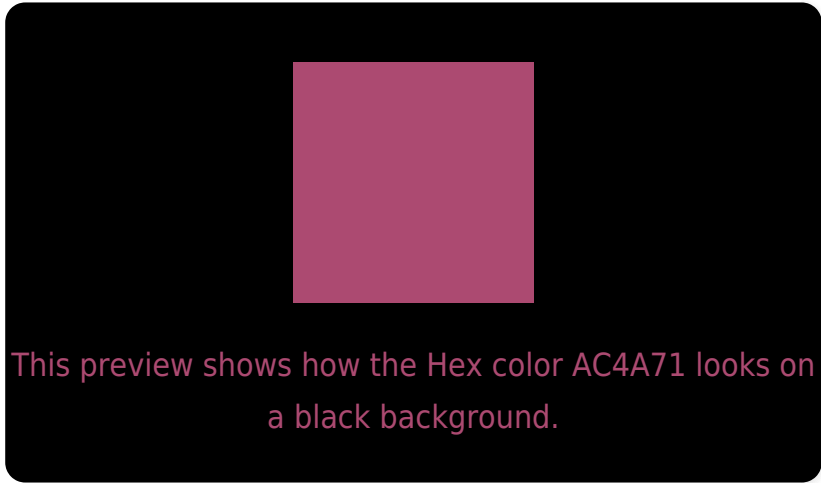
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC4A71 Background



This preview shows how black text looks on a background with the Hex color AC4A71.



This preview shows how white text looks on a background with the Hex color AC4A71.

# 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





# Trichromacy



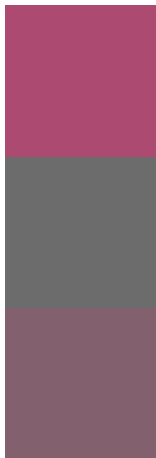
**Original Color**  
AC4A71

**Protanomaly**  
7F5F7E

**Deuteranomaly**  
8A5E6E

**Tritanomaly**  
AB4E5F

# Monochromacy



**Original Color**  
AC4A71

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
83606E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC4A71 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 #AC4A71 looks like.

```
.text, #text, p{  
    color:#AC4A71  
}
```

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 #AC4A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4A71
}
```

## Border

The CSS property to change the border of an element to Hex AC4A71 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
#AC4A71 }
```

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

```
.border{ border-color:#AC4A71 }
```

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

Here you see how a box with a 4 pixel #AC4A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4A71; -webkit-box-shadow:4px 4px  
4px 4px #AC4A71; box-shadow:4px 4px 4px  
4px #AC4A71 }
```

# Background

The CSS property to change the background color of an element to Hex AC4A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4A71 }
```

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

```
.background{ background-color:#AC4A71 }
```

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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