

Converting Colors

Hex(AC4E90)

Have a look what the booklet for
Hex(AC4E90) contains.

Hex(AC4E90)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AC4E90)

Conversions

Conversions Part 1

Format	Color
Hex	AC4E90
RGB	172, 78, 144
RGB Percent	67%, 31%, 56%
CMY	0.3255, 0.6941, 0.4353
CMYK	0.00, 0.55, 0.16, 0.33
HSL	318°, 38%, 49%
HSV	318°, 55%, 67%
XYZ	24.7717, 16.2331, 28.2132
YIQ	113.6300, 34.8380, 40.4540

Conversions

Conversions Part 2

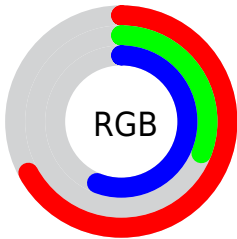
Format	Color
R_{YB}	172, 78, 144
Decimal	11292304
CIE _{Lab}	47.28, 46.63, -18.40
CIE _{LCh}	47, 50.128, 338.461
Yxy	16.2331, 0.3579, 0.2345
Android (android.graphics.Color)	4289482384 (0xFFAC4E90)
YUV	113.6300, 14.9724, 51.1905
Hunter-Lab	40.2903, 39.2393, -13.3146

Details

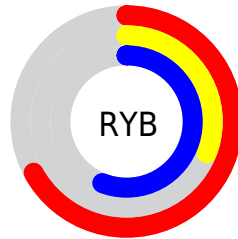
The Hex color **AC4E90** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4EAC6A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **E583C6**, and **75175D** is the 20% darker color. If you saturate the color by 10%, you get **AC3D8B**, and if you desaturate by 10%, it is **AC5F95**.

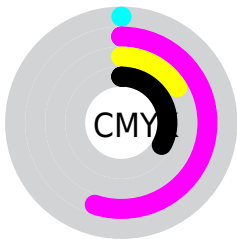
Distribution



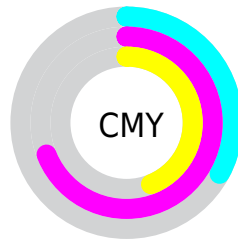
- Red (67%)
- Green (31%)
- Blue (56%)



- Red (67%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC4E90 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 AC4E90 by changing the saturation by 10% instead.

AC4E90

AC4E90

FFFFFF

903476

E583C6

75175D

FF9EE2

5A0046

FFBAFF

41002F

FFD6FF

2A001A

FFF3FF

000000

AC4E90

AC4E90

AC3D8B

AC5F95

AC2C86

AC709A

 AC1A81

 AC829F

 AC097C

 AC93A4

 AC0079

 ACA4AA

 ACB5AF

 ACC6B4

 ACD8B9

 ACE9BE

Harmonies

Analogous

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



8160B3



AC4E90



BC4766

Triad

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



AC4E90



7B7210



0083A4

Complementary

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



AC4E90



4EAC6A

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.



00847B



AC4E90



4D7C29

Square

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



AC4E90



9E631D



00824F



007DBE

Rectangle

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



AC4E90



BA4D4A



00824F



008497

Sweetspot

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



AC4E90



E0BCD6



694EAC



705B6A



F0F0F0



707070

Same Dimension

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



AC4E90



E04CB4



AC4E62



574E54



96006A



170010

Inverse Universe

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



AC4E90



E04CB4



4EAC98



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color AC4E90 looks on a white background.

Color Contrast Check

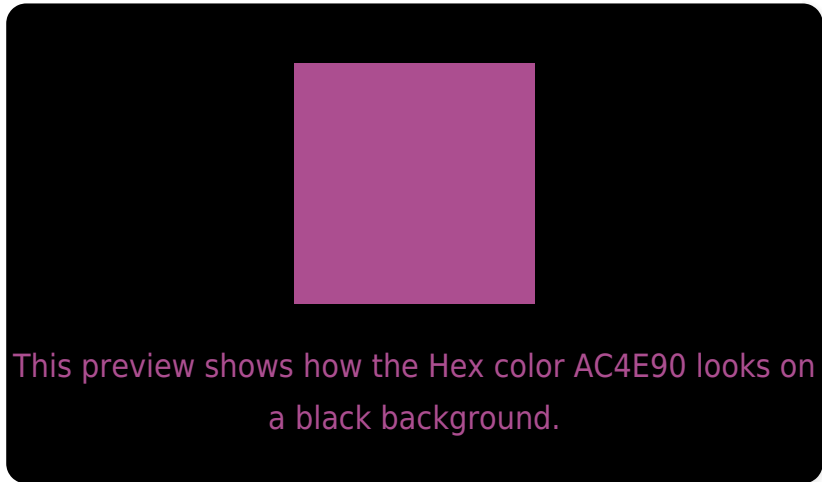
Large Text (above 18pt) WCAG AA ✓ Pass

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

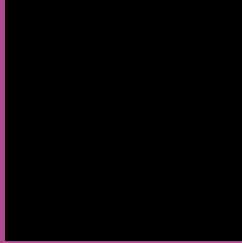
Any Text WCAG AA × Fail

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 AC4E90 Background



This preview shows how black text looks on a background with the Hex color AC4E90.

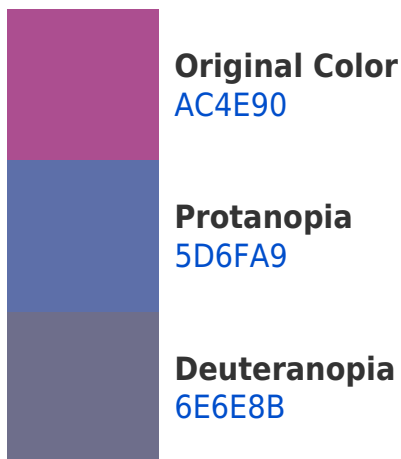



This preview shows how white text looks on a background with the Hex color AC4E90.

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
A75960

Trichromacy



Original Color
AC4E90



Protanomaly
7A63A0



Deuteranomaly
85628D

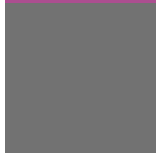


Tritanomaly
A95571

Monochromacy



Original Color
AC4E90



Achromatopsia
727272



Achromatomaly
87657D

CSS Examples

Text

The CSS property to change the color of the text to Hex AC4E90 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 #AC4E90 looks like.

```
.text, #text, p{  
    color:#AC4E90  
}
```

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 #AC4E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC4E90
}
```

Border

The CSS property to change the border of an element to Hex AC4E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

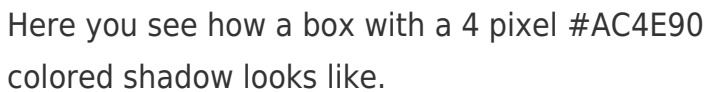
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC4E90 }
```

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

```
.border{ border-color:#AC4E90 }
```

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



Here you see how a box with a 4 pixel `#AC4E90` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC4E90; -webkit-box-shadow:4px 4px  
4px 4px #AC4E90; box-shadow:4px 4px 4px  
4px #AC4E90 }
```

Background

The CSS property to change the background color of an element to Hex AC4E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC4E90 }
```

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

```
.background{ background-color:#AC4E90 }
```

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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