

# Converting Colors

Hex(AC5B93)

Have a look what the booklet for  
Hex(AC5B93) contains.

<b>Hex(AC5B93)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AC5B93)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5B93
RGB	172, 91, 147
RGB Percent	67%, 36%, 58%
CMY	0.3255, 0.6431, 0.4235
CMYK	0.00, 0.47, 0.15, 0.33
HSL	319°, 33%, 52%
HSV	319°, 47%, 67%
XYZ	26.0208, 18.3594, 29.7760
YIQ	121.6030, 30.3000, 34.5880

# Conversions

## Conversions Part 2

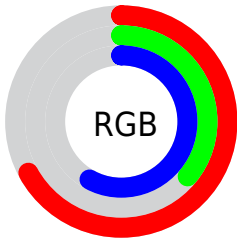
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 91, 147
Decimal	11295635
CIE <sub>Lab</sub>	49.93, 40.48, -16.15
CIE <sub>LCh</sub>	50, 43.585, 338.256
Yxy	18.3594, 0.3509, 0.2476
Android (android.graphics.Color)	4289485715 (0xFFAC5B93)
YUV	121.6030, 12.5207, 44.1982
Hunter-Lab	42.8479, 33.4163, -11.2085

# Details

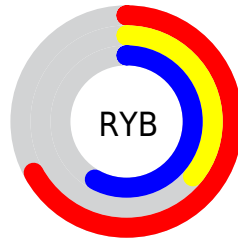
The Hex color **AC5B93** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5BAC74**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **E58FC9**, and **762860** is the 20% darker color. If you saturate the color by 10%, you get **AC4A8E**, and if you desaturate by 10%, it is **AC6C98**.

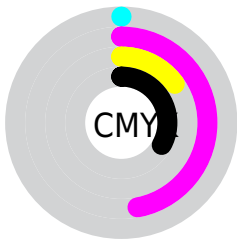
# Distribution



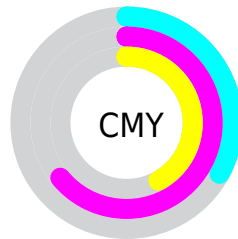
- Red (67%)
- Green (36%)
- Blue (58%)



- Red (67%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5B93 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 AC5B93 by changing the saturation by 10% instead.



 AC5B93

 AC5B93

FFFFFF

 904279

 E58FC9

 762860

 FFABE5

 5B0B48

 FFC7FF

 420032

 FFE3FF

 2D001D

 000000

 AC5B93

 AC5B93

 AC4A8E

 AC6C98

 AC3988

 AC7D9E

■ AC2783

■ AC8FA3

■ AC167E

■ ACA0A8

■ AC0578

■ ACB1AE

■ AC0077

■ ACC2B3

■ ACD3B8

■ ACE5BD

■ ACF6C3

# Harmonies

## Analogous

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



8769B1



AC5B93



BB566E

# Triad

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



AC5B93



827829



0088A4

# Complementary

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



AC5B93



5BAC74

# 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.



008980



AC5B93



5A823A

# Square

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



AC5B93



A16B31



1C875A



0082BB

# Rectangle

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



AC5B93



BA5A56



1C875A



008999



# Sweetspot

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



AC5B93



E0C1D7



735BAC



705D6A



F0F0F0



707070



# Same Dimension

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



AC5B93



E060B9



AC5B6B



574E54



960068



170010



# Inverse Universe

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



AC5B93



E060B9



5BAC9C



574E54



960068

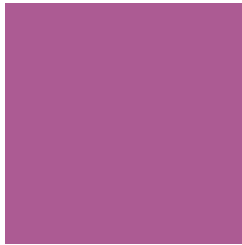


170010



# Previews

## White Background



This preview shows how the Hex color AC5B93 looks on a white background.

## Color Contrast Check

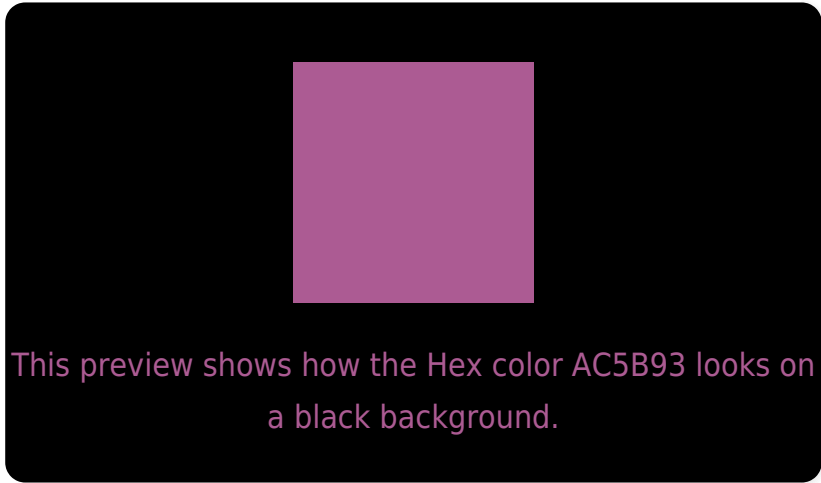
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

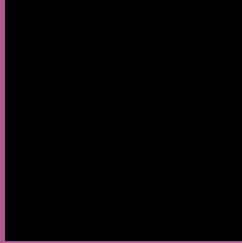
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC5B93 Background



This preview shows how black text looks on a background with the Hex color AC5B93.

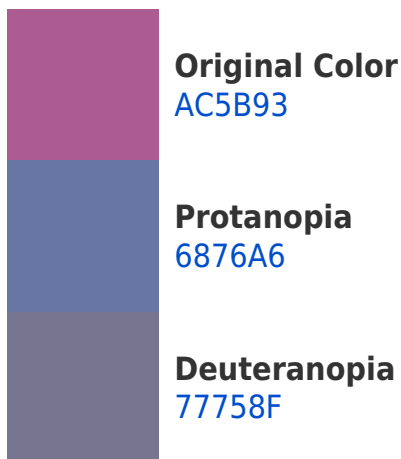


This preview shows how white text looks on a background with the Hex color AC5B93.

# 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**  
A8636B

# Trichromacy



**Original Color**  
AC5B93

**Protanomaly**  
816C9F

**Deuteranomaly**  
8A6C90

**Tritanomaly**  
A9607A

# Monochromacy



**Original Color**  
AC5B93

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
8C6F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5B93 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 #AC5B93 looks like.

```
.text, #text, p{  
    color:#AC5B93  
}
```

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 #AC5B93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5B93
}
```

## Border

The CSS property to change the border of an element to Hex AC5B93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

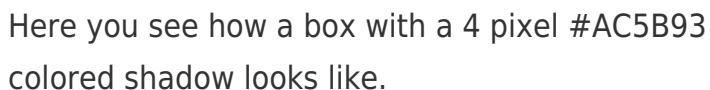
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC5B93 }
```

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

```
.border{ border-color:#AC5B93 }
```

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



Here you see how a box with a 4 pixel `#AC5B93` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5B93; -webkit-box-shadow:4px 4px  
4px 4px #AC5B93; box-shadow:4px 4px 4px  
4px #AC5B93 }
```

# Background

The CSS property to change the background color of an element to Hex AC5B93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5B93 }
```

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

```
.background{ background-color:#AC5B93 }
```

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