

# Converting Colors

Hex(AC5E92)

Have a look what the booklet for  
Hex(AC5E92) contains.

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# Color

**Hex(AC5E92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC5E92
RGB	172, 94, 146
RGB Percent	67%, 37%, 57%
CMY	0.3255, 0.6314, 0.4275
CMYK	0.00, 0.45, 0.15, 0.33
HSL	320°, 32%, 52%
HSV	320°, 45%, 67%
XYZ	26.2043, 18.8514, 29.4517
YIQ	123.2500, 29.7960, 32.7080

# Conversions

## Conversions Part 2

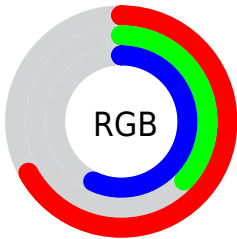
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 94, 146
Decimal	11296402
CIE <sub>Lab</sub>	50.51, 38.73, -14.67
CIE <sub>LCh</sub>	51, 41.413, 339.258
Yxy	18.8514, 0.3517, 0.2530
Android (android.graphics.Color)	4289486482 (0xFFAC5E92)
YUV	123.2500, 11.2157, 42.7537
Hunter-Lab	43.4182, 31.7487, -9.8252

# Details

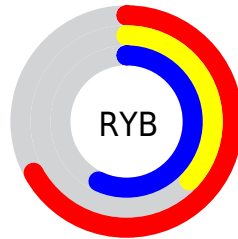
The Hex color **AC5E92** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5EAC78**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E592C8**, and **762C5F** is the 20% darker color. If you saturate the color by 10%, you get **AC4D8C**, and if you desaturate by 10%, it is **AC6F98**.

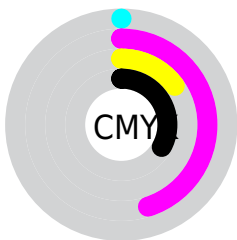
# Distribution



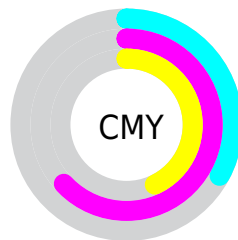
- Red (67%)
- Green (37%)
- Blue (57%)



- Red (67%)
- Yellow (37%)
- Blue (57%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC5E92 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 AC5E92 by changing the saturation by 10% instead.



 AC5E92

 AC5E92

FFFFFF

 914578

 E592C8

 762C5F

 FFAEE4

 5C1148

 FFC9FF

 420031

 FFE6FF

 2D001D

 000000

 AC5E92

 AC5E92

 AC4D8C

 AC6F98

 AC3C87

 AC809D

 AC2A81

 AC92A3

 AC197B

 ACA3A9

 AC0875

 ACB4AF

 AC0073

 ACC5B4

 ACD6BA

 ACE8C0

 ACF9C6

# Harmonies

## Analogous

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



896BAF



AC5E92



BA5A6F

# Triad

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



AC5E92



827A2F



0088A4

# Complementary

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



AC5E92



5EAC78

# 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.



008A82



AC5E92



5C833F

# Square

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



AC5E92



A16E35



24885E



0083BA

# Rectangle

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



AC5E92



B85D58



24885E



00899A



# Sweetspot

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



AC5E92



E0C1D6



785EAC



705D6A



F0F0F0



707070



# Same Dimension

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



AC5E92



E067B8



AC5E6B



574E54



960064



17000F



# Inverse Universe

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



AC5E92



E067B8



5EAC9F



574E54



960064

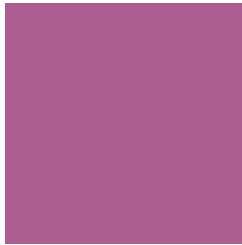


17000F



# Previews

## White Background



This preview shows how the Hex color AC5E92 looks on a white background.

## Color Contrast Check

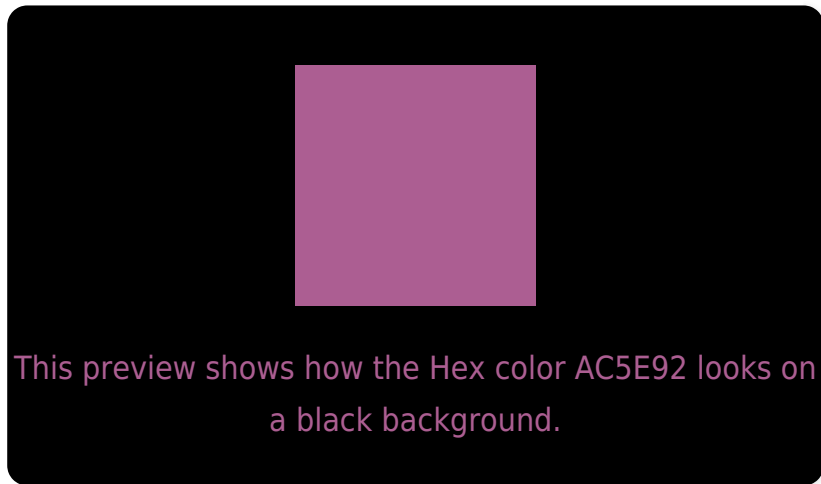
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

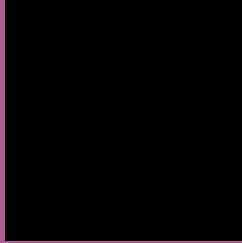
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AC5E92 Background



This preview shows how black text looks on a background with the Hex color AC5E92.

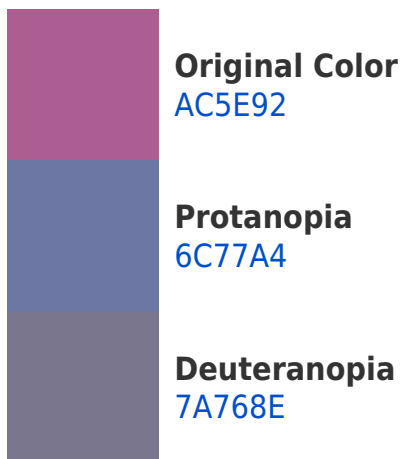



This preview shows how white text looks on a background with the Hex color AC5E92.

# 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**  
A8666D

# Trichromacy



**Original Color**  
AC5E92

**Protanomaly**  
836E9D

**Deuteranomaly**  
8C6D8F

**Tritanomaly**  
A9637A

# Monochromacy



**Original Color**  
AC5E92

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
8D7083

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC5E92 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 #AC5E92 looks like.

```
.text, #text, p{  
    color:#AC5E92  
}
```

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 #AC5E92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC5E92
}
```

## Border

The CSS property to change the border of an element to Hex AC5E92 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
#AC5E92 }
```

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

```
.border{ border-color:#AC5E92 }
```

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

Here you see how a box with a 4 pixel #AC5E92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC5E92; -webkit-box-shadow:4px 4px  
4px 4px #AC5E92; box-shadow:4px 4px 4px  
4px #AC5E92 }
```

# Background

The CSS property to change the background color of an element to Hex AC5E92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC5E92 }
```

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

```
.background{ background-color:#AC5E92 }
```

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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