

# Converting Colors

Hex(AC3690)

Have a look what the booklet for  
Hex(AC3690) contains.

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# Color

**Hex(AC3690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC3690
RGB	172, 54, 144
RGB Percent	67%, 21%, 56%
CMY	0.3255, 0.7882, 0.4353
CMYK	0.00, 0.69, 0.16, 0.33
HSL	314°, 52%, 44%
HSV	314°, 69%, 67%
XYZ	23.3665, 13.4226, 27.7448
YIQ	99.5420, 41.4380, 53.0060

# Conversions

## Conversions Part 2

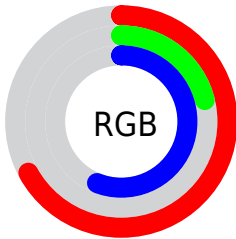
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 54, 144
Decimal	11286160
CIE <sub>Lab</sub>	43.39, 57.22, -24.39
CIE <sub>LCh</sub>	43, 62.201, 336.910
Yxy	13.4226, 0.3621, 0.2080
Android (android.graphics.Color)	4289476240 (0xFFAC3690)
YUV	99.5420, 21.9178, 63.5457
Hunter-Lab	36.6369, 49.7302, -19.2541

# Details

The Hex color **AC3690** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **36AC52**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **E66EC6**, and **74005D** is the 20% darker color. If you saturate the color by 10%, you get **AC258C**, and if you desaturate by 10%, it is **AC4794**.

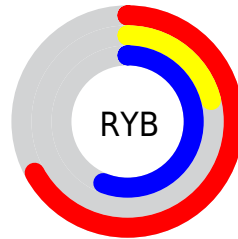
# Distribution



Red (67%)

Green (21%)

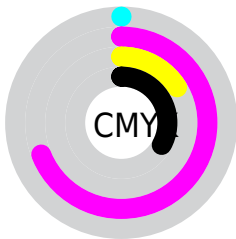
Blue (56%)



Red (67%)

Yellow (21%)

Blue (56%)

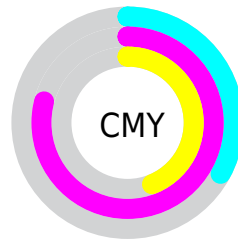


Cyan (0%)

Magenta (69%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (79%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC3690 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 AC3690 by changing the saturation by 10% instead.



 AC3690

 AC3690

FFFFFF

 901476

 E66EC6

 74005D

 FF89E2

 590045

 FFA5FF

 3F002F

 FFC2FF

 250019

 FFDFFF

 000000

 FFFCFF

 AC3690

 AC3690

 AC258C

 AC4794

 AC1488

 AC5898

 AC0284

 AC6A9C

 AC0083

 AC7BA0

 AC8CA4

 AC9DA8

 ACAAED

 ACC0B1

 ACD1B5

# Harmonies

## Analogous

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



7553BA



AC3690



C0275D

# Triad

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



AC3690



726800



007CA4

# Complementary

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



AC3690



36AC52

# 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.



007D71



AC3690



397400

# Square

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



AC3690



9C5500



007B3B



0077C6

# Rectangle

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



AC3690



BD323B



007B3B



007D94



# Sweetspot

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



AC3690



E0B1D5



5236AC



70546A



F0F0F0



707070



# Same Dimension

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



AC3690



E028B5



AC3655



574E55



960073



170012



# Inverse Universe

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



AC3690



E028B5



36AC8D



574E55



960073



170012



# Previews

## White Background



This preview shows how the Hex color AC3690 looks on a white background.

## Color Contrast Check

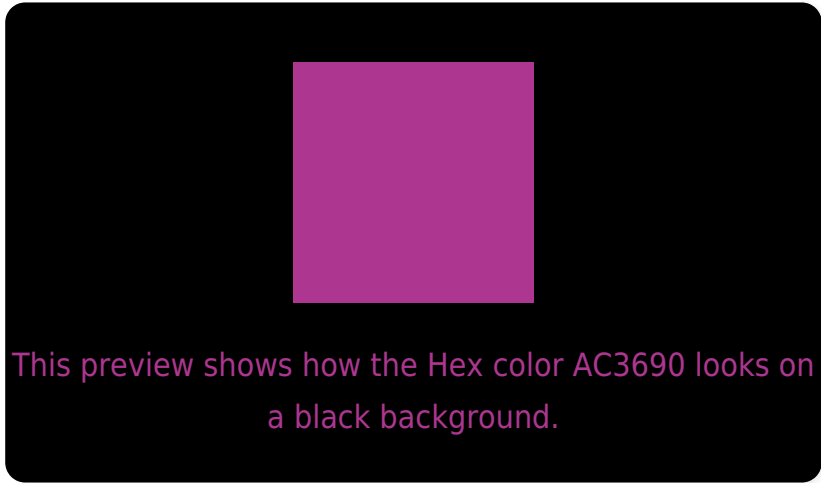
Large Text (above 18pt) WCAG AA ✓ Pass

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

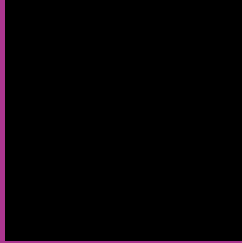
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AC3690 Background



This preview shows how black text looks on a background with the Hex color AC3690.

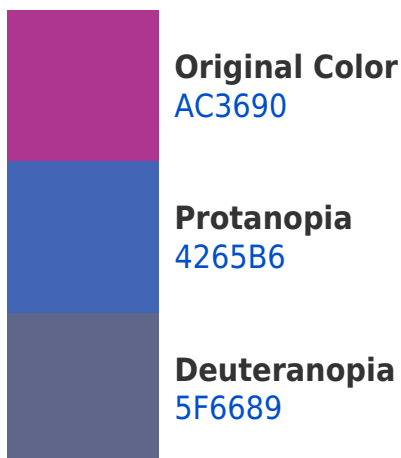


This preview shows how white text looks on a background with the Hex color AC3690.

# 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**  
A6494E

# Trichromacy



**Original Color**  
AC3690



**Protanomaly**  
6954A8



**Deuteranomaly**  
7B558C



**Tritanomaly**  
A84266

# Monochromacy



**Original Color**  
AC3690



**Achromatopsia**  
646464



**Achromatomaly**  
7E5374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC3690 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 #AC3690 looks like.

```
.text, #text, p{  
    color:#AC3690  
}
```

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 #AC3690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC3690
}
```

## Border

The CSS property to change the border of an element to Hex AC3690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

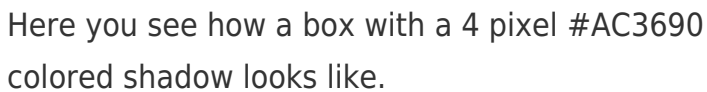
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC3690 }
```

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

```
.border{ border-color:#AC3690 }
```

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



Here you see how a box with a 4 pixel #AC3690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC3690; -webkit-box-shadow:4px 4px  
4px 4px #AC3690; box-shadow:4px 4px 4px  
4px #AC3690 }
```

# Background

The CSS property to change the background color of an element to Hex AC3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC3690 }
```

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

```
.background{ background-color:#AC3690 }
```

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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