

# Converting Colors

Hex(AC116C)

Have a look what the booklet for  
Hex(AC116C) contains.

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# Color

**Hex(AC116C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC116C
RGB	172, 17, 108
RGB Percent	67%, 7%, 42%
CMY	0.3255, 0.9333, 0.5765
CMYK	0.00, 0.90, 0.37, 0.33
HSL	325°, 82%, 37%
HSV	325°, 90%, 67%
XYZ	19.9205, 10.2543, 15.1167
YIQ	73.7190, 63.1690, 61.1610

# Conversions

## Conversions Part 2

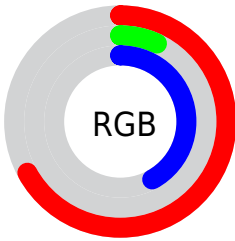
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 17, 108
Decimal	11276652
CIE <sub>Lab</sub>	38.29, 62.97, -9.95
CIE <sub>LCh</sub>	38, 63.752, 351.022
Yxy	10.2543, 0.4398, 0.2264
Android (android.graphics.Color)	4289466732 (0xFFAC116C)
YUV	73.7190, 16.9005, 86.1924
Hunter-Lab	32.0223, 55.0026, -5.5733

# Details

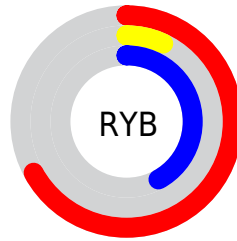
The Hex color **AC116C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11AC51**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **E8569F**, and **72003D** is the 20% darker color. If you saturate the color by 10%, you get **AC0065**, and if you desaturate by 10%, it is **AC2273**.

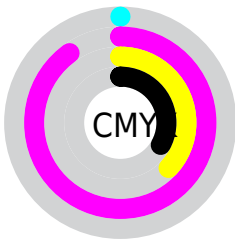
# Distribution



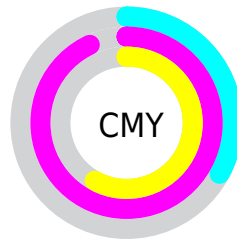
- Red (67%)
- Green (7%)
- Blue (42%)



- Red (67%)
- Yellow (7%)
- Blue (42%)



- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC116C 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 AC116C by changing the saturation by 10% instead.



■ AC116C

■ AC116C

FFFFFF

■ 8F0054

■ E8569F

■ 72003D

■ FF73BA

■ 560027

■ FF8FD6

■ 3C0012

■ FFACF2

■ 190001

■ FFC8FF

■ 000000

■ FFE6FF

■ AC116C

■ AC116C

■ AC0065

■ AC2273

 AC337A

 AC4581

 AC5688

 AC6790

 AC7897

 AC899E

 AC9BA5

 ACACAC

# Harmonies

## Analogous

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



87379C



AC116C



B11639

# Triad

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



AC116C



4C6200



006EAA

# Complementary

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



AC116C



11AC51

# 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.



00707E



AC116C



006B0C

# Square

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



AC116C



7B5300



006F48



0065C1

# Rectangle

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



AC116C



A72E17



006F48



006F9D



# Sweetspot

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



AC116C



E0A4C7



4F11AC



704C61



F0F0F0



707070



# Same Dimension

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



AC116C



E00084



AC1121



574E53



960058



17000D



# Inverse Universe

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



AC116C



E00084



11AC9D



574E53



960058



17000D



# Previews

## White Background



This preview shows how the Hex color AC116C looks on a white background.

## Color Contrast Check

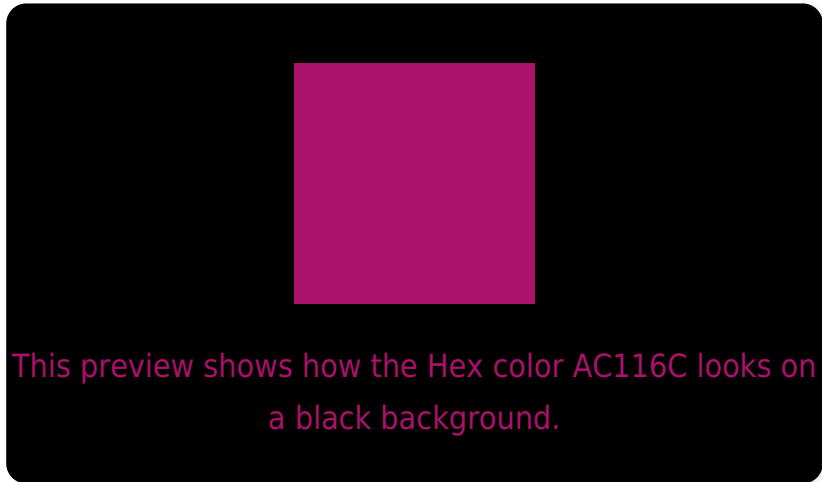
Large Text (above 18pt) WCAG AA ✓ Pass

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

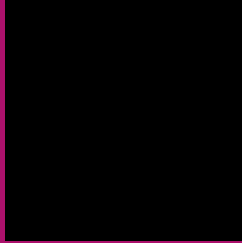
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AC116C Background



This preview shows how black text looks on a background with the Hex color AC116C.



This preview shows how white text looks on a background with the Hex color AC116C.

# 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



**Original Color**  
AC116C

**Protanopia**  
425A99

**Deuteranopia**  
615965



**Tritanopia**  
A82D2F

# Trichromacy



**Original Color**  
AC116C

**Protanomaly**  
693F89

**Deuteranomaly**  
7C3F68

**Tritanomaly**  
A92345

# Monochromacy



**Original Color**  
AC116C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
6E3556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC116C 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 #AC116C looks like.

```
.text, #text, p{  
    color:#AC116C  
}
```

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 #AC116C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC116C }  
}
```

## Border

The CSS property to change the border of an element to Hex AC116C is called "border". The border property can be set on classes, ids or directly on the HTML element.

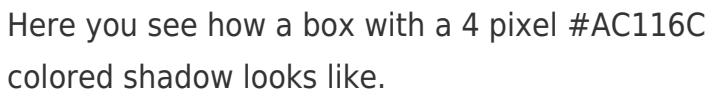
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #AC116C }  
}
```

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

```
.border{ border-color:#AC116C }
```

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



Here you see how a box with a 4 pixel `#AC116C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC116C; -webkit-box-shadow:4px 4px  
4px 4px #AC116C; box-shadow:4px 4px 4px  
4px #AC116C }
```

# Background

The CSS property to change the background color of an element to Hex AC116C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC116C }
```

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

```
.background{ background-color:#AC116C }
```

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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