

Converting Colors

Hex(AC317F)

Have a look what the booklet for
Hex(AC317F) contains.

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Color

Hex(AC317F)

Conversions

Conversions Part 1

Format	Color
Hex	AC317F
RGB	172, 49, 127
RGB Percent	67%, 19%, 50%
CMY	0.3255, 0.8078, 0.5020
CMYK	0.00, 0.72, 0.26, 0.33
HSL	322°, 56%, 43%
HSV	322°, 72%, 67%
XYZ	21.9423, 12.4996, 21.3348
YIQ	94.6690, 48.2700, 50.3340

Conversions

Conversions Part 2

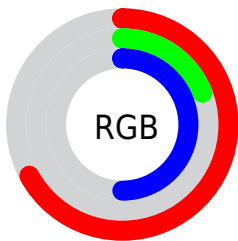
Format	Color
R_{YB}	172, 49, 127
Decimal	11284863
CIE _{Lab}	42.00, 56.73, -16.17
CIE _{LCh}	42, 58.988, 344.095
Yxy	12.4996, 0.3934, 0.2241
Android (android.graphics.Color)	4289474943 (0xFFAC317F)
YUV	94.6690, 15.9392, 67.8193
Hunter-Lab	35.3548, 48.9122, -11.0303

Details

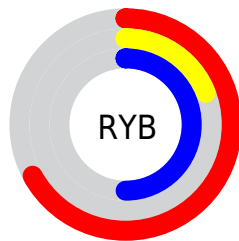
The Hex color **AC317F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **31AC5E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E769B4**, and **74004E** is the 20% darker color. If you saturate the color by 10%, you get **AC2079**, and if you desaturate by 10%, it is **AC4285**.

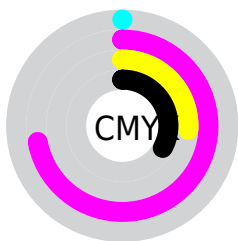
Distribution



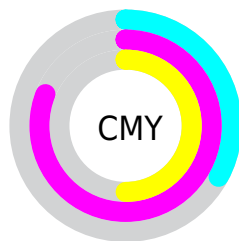
- Red (67%)
- Green (19%)
- Blue (50%)



- Red (67%)
- Yellow (19%)
- Blue (50%)



- Cyan (0%)
- Magenta (72%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC317F 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 AC317F by changing the saturation by 10% instead.

AC317F

AC317F

FFFFFF

900B66

E769B4

74004E

FF85CF

580037

FFA1EC

3F0022

FFBDFE

230007

FFDAFF

000000

FFF8FF

AC317F

AC317F

AC2079

AC4285

■ AC0F72

■ AC538C

■ AC006D

■ AC6592

■ AC7698

■ AC879E

■ AC98A5

■ ACA9AB

■ ACBBB1

■ ACCCB8

Harmonies

Analogous

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



814AAA



AC317F



B82B4E

Triad

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



AC317F



636800



0077A6

Complementary

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



AC317F



31AC5E

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.



007979



AC317F



267212

Square

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



AC317F



8D5700



007747



0070C1

Rectangle

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



AC317F



B2382F



007747



007899

Sweetspot

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



AC317F



E0B1CF



5C31AC



705466



F0F0F0



707070

Same Dimension

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



AC317F



E01F9A



AC3143



574E54



96005F



17000F

Inverse Universe

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



AC317F



E01F9A



31AC9A



574E54



96005F



17000F

Previews

White Background



This preview shows how the Hex color AC317F looks on a white background.

Color Contrast Check

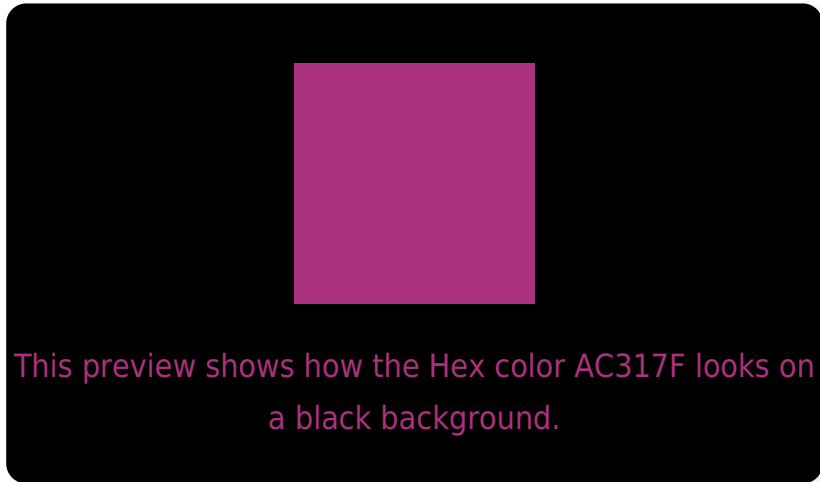
Large Text (above 18pt) WCAG AA ✓ Pass

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

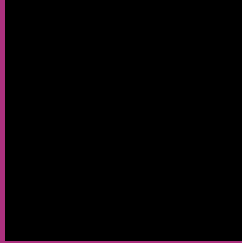
Any Text WCAG AA × Fail

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 AC317F Background



This preview shows how black text looks on a background with the Hex color AC317F.

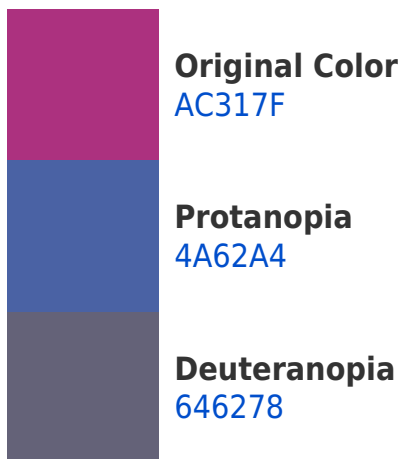



This preview shows how white text looks on a background with the Hex color AC317F.

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
A74246

Trichromacy



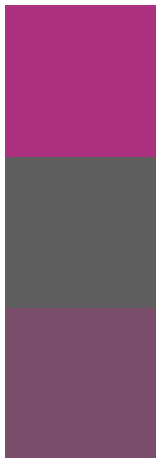
Original Color
AC317F

Protanomaly
6E5097

Deuteranomaly
7E507B

Tritanomaly
A93C5B

Monochromacy



Original Color
AC317F

Achromatopsia
5F5F5F

Achromatomaly
7B4E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex AC317F 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 #AC317F looks like.

```
.text, #text, p{  
    color:#AC317F  
}
```

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 #AC317F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC317F
}
```

Border

The CSS property to change the border of an element to Hex AC317F 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
#AC317F }
```

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

```
.border{ border-color:#AC317F }
```

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

Here you see how a box with a 4 pixel #AC317F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC317F; -webkit-box-shadow:4px 4px  
4px 4px #AC317F; box-shadow:4px 4px 4px  
4px #AC317F }
```

Background

The CSS property to change the background color of an element to Hex AC317F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC317F }
```

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

```
.background{ background-color:#AC317F }
```

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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