

Converting Colors

Hex(AC247F)

Have a look what the booklet for
Hex(AC247F) contains.

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Color

Hex(AC247F)

Conversions

Conversions Part 1

Format	Color
Hex	AC247F
RGB	172, 36, 127
RGB Percent	67%, 14%, 50%
CMY	0.3255, 0.8588, 0.5020
CMYK	0.00, 0.79, 0.26, 0.33
HSL	320°, 65%, 41%
HSV	320°, 79%, 67%
XYZ	21.4749, 11.5647, 21.1790
YIQ	87.0380, 51.8450, 57.1330

Conversions

Conversions Part 2

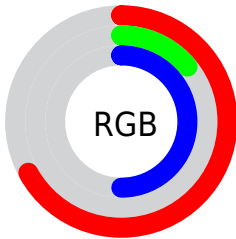
Format	Color
R_{YB}	172, 36, 127
Decimal	11281535
CIE _{Lab}	40.52, 60.93, -18.44
CIE _{LCh}	41, 63.660, 343.162
Yxy	11.5647, 0.3961, 0.2133
Android (android.graphics.Color)	4289471615 (0xFFAC247F)
YUV	87.0380, 19.7013, 74.5117
Hunter-Lab	34.0069, 53.2081, -13.1201

Details

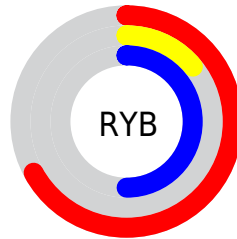
The Hex color **AC247F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **24AC51**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **E760B4**, and **73004E** is the 20% darker color. If you saturate the color by 10%, you get **AC1379**, and if you desaturate by 10%, it is **AC3585**.

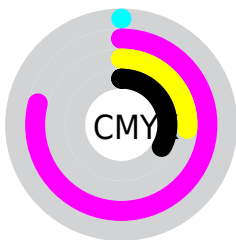
Distribution



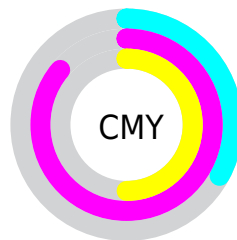
- Red (67%)
- Green (14%)
- Blue (50%)



- Red (67%)
- Yellow (14%)
- Blue (50%)



- Cyan (0%)
- Magenta (79%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC247F 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 AC247F by changing the saturation by 10% instead.

■ AC247F

■ AC247F

FFFFFF

■ 8F0066

■ E760B4

■ 73004E

■ FF7CCF

■ 570037

■ FF99EC

■ 3F0022

■ FFB5FF

■ 210006

■ FFD2FF

■ 000000

■ FFEFFF

■ AC247F

■ AC247F

■ AC1379

■ AC3585

■ AC0274

■ AC468A

■ AC0073

■ AC5890

■ AC6996

■ AC7A9B

■ AC8BA1

■ AC9CA7

■ ACAAED

■ ACBFB2

Harmonies

Analogous

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



7D45AC



AC247F



B9194B

Triad

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



AC247F



606400



0075A6

Complementary

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



AC247F



24AC51

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.



007676



AC247F



1A6F00

Square

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



AC247F



8C5200



00743F



006EC4

Rectangle

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



AC247F



B32C2A



00743F



007598

Sweetspot

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



AC247F



E0ABCF



4F24AC



705065



F0F0F0



707070

Same Dimension

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



AC247F



E00B9A



AC243D



574E54



960065



17000F

Inverse Universe

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



AC247F



E00B9A



24AC93



574E54



960065



17000F

Previews

White Background



This preview shows how the Hex color AC247F looks on a white background.

Color Contrast Check

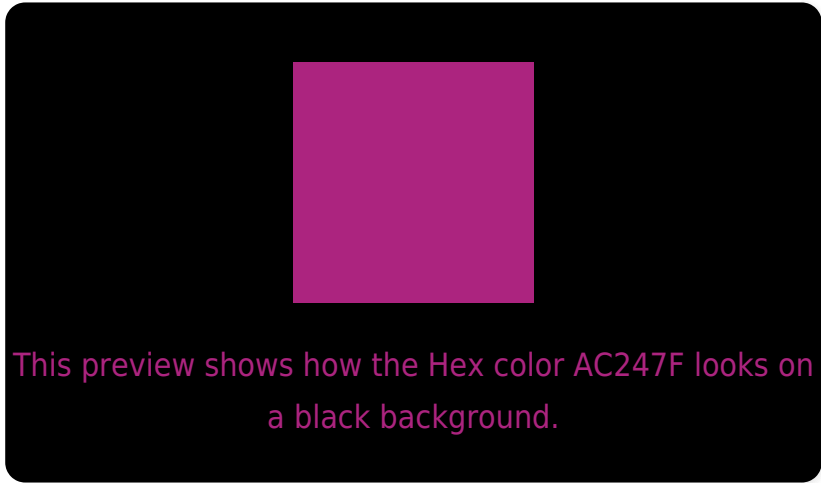
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC247F Background



This preview shows how black text looks on a background with the Hex color AC247F.

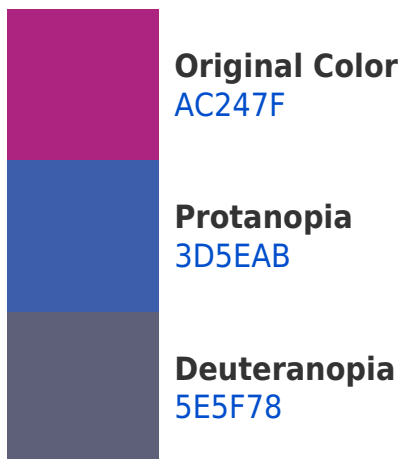


This preview shows how white text looks on a background with the Hex color AC247F.

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
A73B3E

Trichromacy



Original Color
AC247F



Protanomaly
65499B



Deuteranomaly
7A4A7B

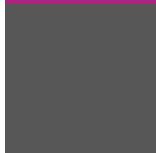


Tritanomaly
A93356

Monochromacy



Original Color
AC247F



Achromatopsia
575757



Achromatomaly
764466

CSS Examples

Text

The CSS property to change the color of the text to Hex AC247F 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 #AC247F looks like.

```
.text, #text, p{  
    color:#AC247F  
}
```

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 #AC247F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC247F
}
```

Border

The CSS property to change the border of an element to Hex AC247F is called "border". The border property can be set on classes, ids or directly on the HTML element.

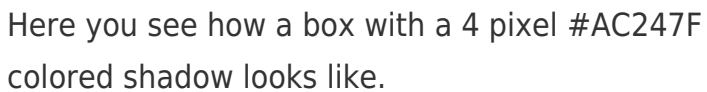
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC247F }
```

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

```
.border{ border-color:#AC247F }
```

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



Here you see how a box with a 4 pixel `#AC247F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC247F; -webkit-box-shadow:4px 4px  
4px 4px #AC247F; box-shadow:4px 4px 4px  
4px #AC247F }
```

Background

The CSS property to change the background color of an element to Hex AC247F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC247F }
```

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

```
.background{ background-color:#AC247F }
```

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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