

# Converting Colors

Hex(AB447C)

Have a look what the booklet for  
Hex(AB447C) contains.

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# Color

Hex(AB447C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB447C
RGB	171, 68, 124
RGB Percent	67%, 27%, 49%
CMY	0.3294, 0.7333, 0.5137
CMYK	0.00, 0.60, 0.27, 0.33
HSL	327°, 43%, 47%
HSV	327°, 60%, 67%
XYZ	22.4998, 14.2474, 20.6329
YIQ	105.1810, 43.4120, 39.2520

# Conversions

## Conversions Part 2

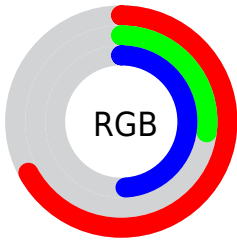
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 68, 124
Decimal	11224188
CIELab	44.59, 48.16, -10.42
CIElCh	45, 49.271, 347.793
Yxy	14.2474, 0.3921, 0.2483
Android (android.graphics.Color)	4289414268 (0xFFAB447C)
YUV	105.1810, 9.2778, 57.7233
Hunter-Lab	37.7457, 40.3467, -5.9877

# Details

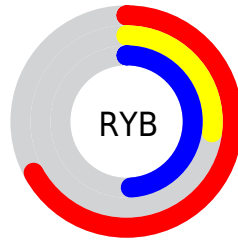
The Hex color **AB447C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **44AB73**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **E579B1**, and **73054B** is the 20% darker color. If you saturate the color by 10%, you get **AB3374**, and if you desaturate by 10%, it is **AB5584**.

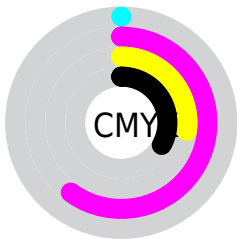
# Distribution



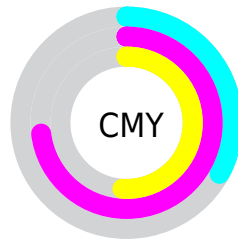
- Red (67%)
- Green (27%)
- Blue (49%)



- Red (67%)
- Yellow (27%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB447C 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 AB447C by changing the saturation by 10% instead.



 AB447C

 AB447C

FFFFFF

 8F2963

 E579B1

 73054B

 FF94CC

 580034

 FFB0E8

 3E001F

 FFCCFF

 260004

 FFE9FF

 000000

 AB447C

 AB447C

 AB3374

 AB5584

 AB226C

 AB668C

 AB1165

 AB7793

 AB005D

 AB889B

 AB99A3

 ABABAB

 ABBCB3

 ABCDBA

 ABDEC2

# Harmonies

## Analogous

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



8A54A1



AB447C



B34353

# Triad

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



AB447C



676F0F



007AA6

# Complementary

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



AB447C



44AB73

# 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.



007D81



AB447C



35772F

# Square

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



AB447C



8C6110



007C57



0073BA

# Rectangle

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



AB447C



AD4B39



007C57



007C9B



# Sweetspot

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



AB447C



DEB6CC



7244AB



705865



F0F0F0



707070



# Same Dimension

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



AB447C



DE3E95



AB4449



574E53



960052



17000C



# Inverse Universe

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



AB447C



DE3E95



44ABA6



574E53



960052



17000C



# Previews

## White Background



This preview shows how the Hex color AB447C looks on a white background.

## Color Contrast Check

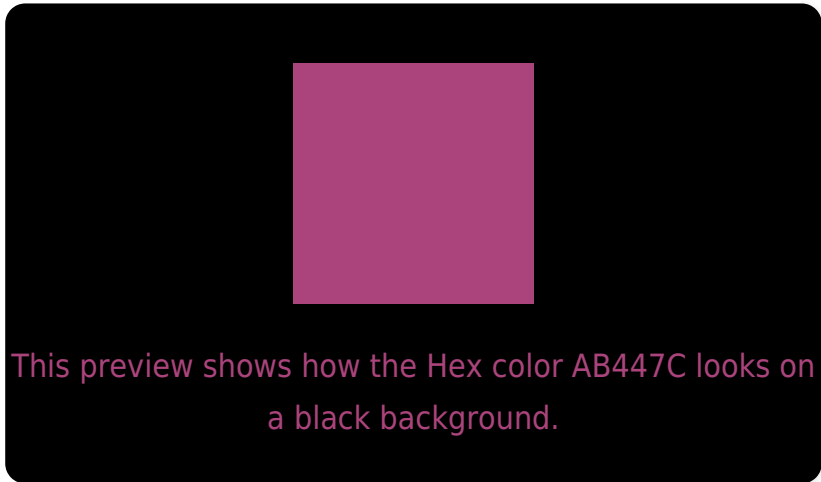
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB447C Background



This preview shows how black text looks on a background with the Hex color AB447C.




This preview shows how white text looks on a background with the Hex color AB447C.

# 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](#).

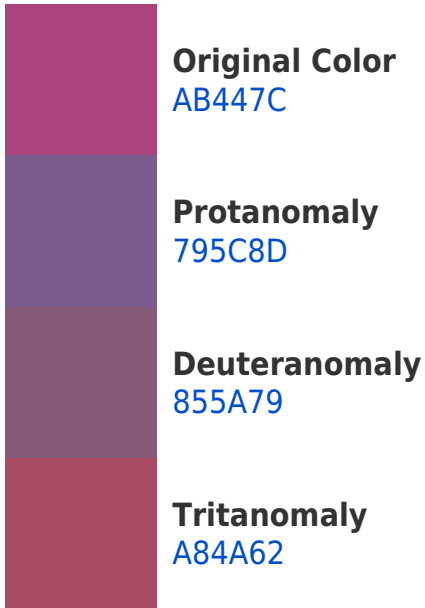
## Dichromacy



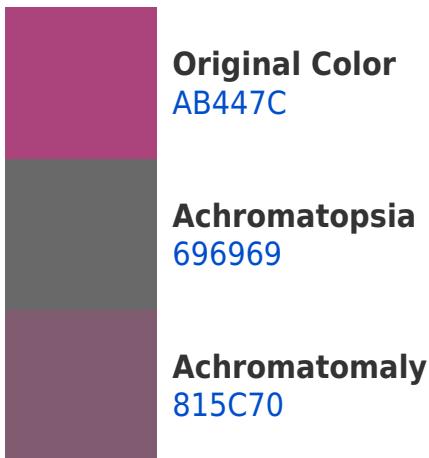


**Tritanopia**  
A74D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB447C 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 #AB447C looks like.

```
.text, #text, p{  
    color:#AB447C  
}
```

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 #AB447C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB447C
}
```

## Border

The CSS property to change the border of an element to Hex AB447C is called "border". The border property can be set on classes, ids or directly on the HTML element.

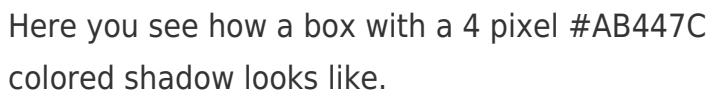
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB447C }
```

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

```
.border{ border-color:#AB447C }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a purple shadow that is 4 pixels wide and 4 pixels high. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #AB447C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB447C; -webkit-box-shadow:4px 4px  
4px 4px #AB447C; box-shadow:4px 4px 4px  
4px #AB447C }
```

# Background

The CSS property to change the background color of an element to Hex AB447C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB447C }
```

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

```
.background{ background-color:#AB447C }
```

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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