

# Converting Colors

Hex(A2447F)

Have a look what the booklet for  
Hex(A2447F) contains.

<b>Hex(A2447F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A2447F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2447F
RGB	162, 68, 127
RGB Percent	64%, 27%, 50%
CMY	0.3647, 0.7333, 0.5020
CMYK	0.00, 0.58, 0.22, 0.36
HSL	322°, 41%, 45%
HSV	322°, 58%, 64%
XYZ	20.7982, 13.3479, 21.5589
YIQ	102.8320, 37.0850, 38.2770

# Conversions

## Conversions Part 2

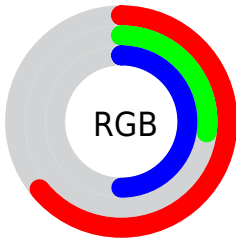
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 68, 127
Decimal	10634367
CIE <sub>Lab</sub>	43.28, 45.77, -14.36
CIE <sub>LCh</sub>	43, 47.969, 342.584
Yxy	13.3479, 0.3734, 0.2396
Android (android.graphics.Color)	4288824447 (0xFFA2447F)
YUV	102.8320, 11.9148, 51.8903
Hunter-Lab	36.5348, 37.6788, -9.4122

# Details

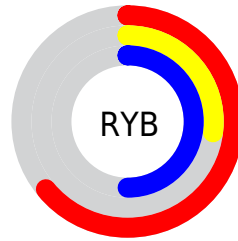
The Hex color **A2447F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **44A267**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **DB79B4**, and **6B094E** is the 20% darker color. If you saturate the color by 10%, you get **A23479**, and if you desaturate by 10%, it is **A25485**.

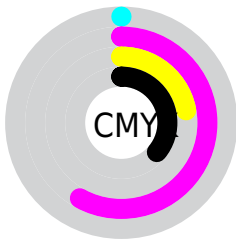
# Distribution



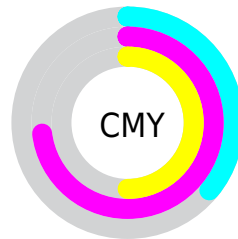
- Red (64%)
- Green (27%)
- Blue (50%)



- Red (64%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (22%)
- Black (36%)



- Cyan (36%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2447F 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 A2447F by changing the saturation by 10% instead.



 A2447F

 A2447F

FFFFFF

 862966

 DB79B4

 6B094E

 F994CF

 510037

 FFAFEC

 380022

 FFCBFF

 1D0008

 FFE8FF

 000000

 A2447F

 A2447F

 A23479

 A25485

 A22473

 A2648B

 A2136D

 A27591

 A20367

 A28597

 A20066

 A2959D

 A2A5A3

 A2B5A9

 A2C6AF

 A2D6B5

# Harmonies

## Analogous

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



7D54A1



A2447F



AE4057

# Triad

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



A2447F



6B6A0B



00779B

# Complementary

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



A2447F



44A267

# 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.



007976



A2447F



3E7327

# Square

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



A2447F



8D5C14



00784D



0071B2

# Rectangle

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



A2447F



AA463E



00784D



007890



# Sweetspot

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



A2447F



D4B0C6



6644A2



6B5663



EBEBEB



6B6B6B



# Same Dimension

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



A2447F



D43F9C



A24451



52494F



91005B



12000B



# Inverse Universe

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



A2447F



D43F9C



44A295



52494F



91005B

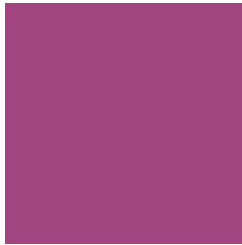


12000B



# Previews

## White Background



This preview shows how the Hex color A2447F looks on a white background.

## Color Contrast Check

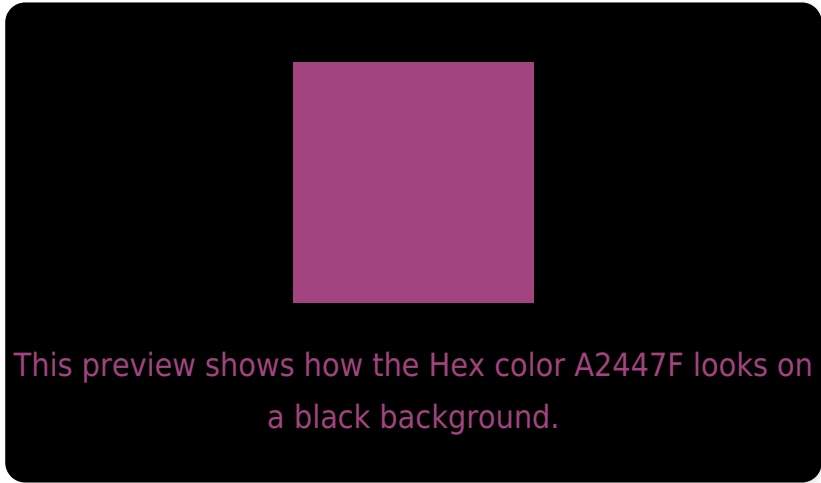
Large Text (above 18pt) WCAG AA ✓ Pass

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

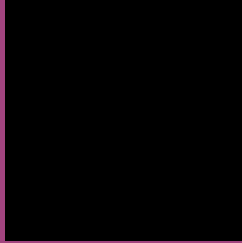
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A2447F Background



This preview shows how black text looks on a background with the Hex color A2447F.

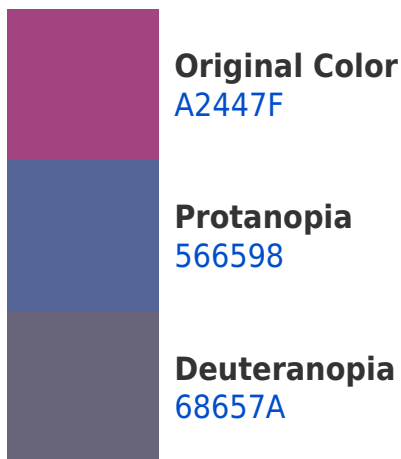



This preview shows how white text looks on a background with the Hex color A2447F.

# 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**  
9E4E54

# Trichromacy



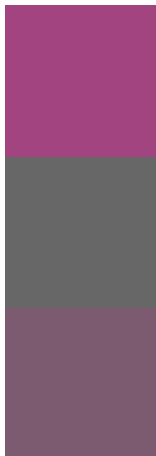
**Original Color**  
A2447F

**Protanomaly**  
72598F

**Deuteranomaly**  
7D597C

**Tritanomaly**  
9F4A64

# Monochromacy



**Original Color**  
A2447F

**Achromatopsia**  
676767

**Achromatomaly**  
7C5A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2447F 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 #A2447F looks like.

```
.text, #text, p{  
    color:#A2447F  
}
```

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 #A2447F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2447F
}
```

## Border

The CSS property to change the border of an element to Hex A2447F is called "border". The border property can be set on classes, ids or directly on the HTML element.

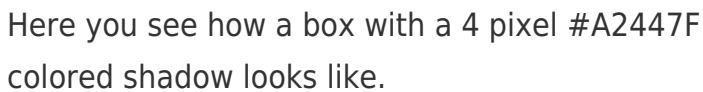
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2447F }
```

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

```
.border{ border-color:#A2447F }
```

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



Here you see how a box with a 4 pixel #A2447F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2447F; -webkit-box-shadow:4px 4px  
4px 4px #A2447F; box-shadow:4px 4px 4px  
4px #A2447F }
```

# Background

The CSS property to change the background color of an element to Hex A2447F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2447F }
```

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

```
.background{ background-color:#A2447F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor