

# Converting Colors

Hex(A7367F)

Have a look what the booklet for  
Hex(A7367F) contains.

<b>Hex(A7367F)</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(A7367F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7367F
RGB	167, 54, 127
RGB Percent	65%, 21%, 50%
CMY	0.3451, 0.7882, 0.5020
CMYK	0.00, 0.68, 0.24, 0.35
HSL	321°, 51%, 43%
HSV	321°, 68%, 65%
XYZ	21.0863, 12.3861, 21.3581
YIQ	96.1090, 43.9150, 46.6590

# Conversions

## Conversions Part 2

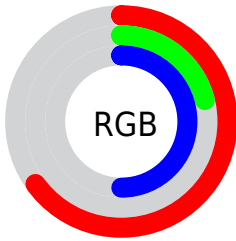
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 54, 127
Decimal	10958463
CIE <sub>Lab</sub>	41.82, 53.45, -16.51
CIE <sub>LCh</sub>	42, 55.938, 342.833
Yxy	12.3861, 0.3846, 0.2259
Android (android.graphics.Color)	4289148543 (0xFFA7367F)
YUV	96.1090, 15.2293, 62.1714
Hunter-Lab	35.1939, 45.3581, -11.3454

# Details

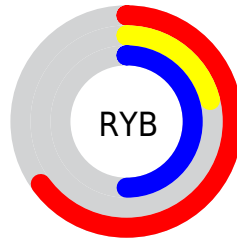
The Hex color **A7367F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **36A75E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **E16DB4**, and **6F004E** is the 20% darker color. If you saturate the color by 10%, you get **A72579**, and if you desaturate by 10%, it is **A74785**.

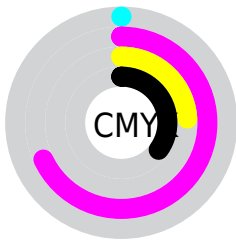
# Distribution



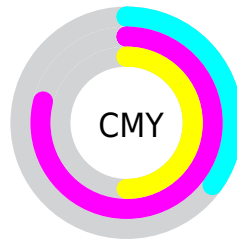
- Red (65%)
- Green (21%)
- Blue (50%)



- Red (65%)
- Yellow (21%)
- Blue (50%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (35%)



- Cyan (35%)
- Magenta (79%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7367F 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 A7367F by changing the saturation by 10% instead.



 A7367F

 A7367F

FFFFFF

 8B1666

 E16DB4

 6F004E

 FF88CF

 540037

 FFA4EC

 3B0022

 FFC0FF

 1F0007

 FFDDFF

 000000

 FFFAFF

 A7367F

 A7367F

 A72579

 A74785

 A71573

 A7578B

 A7046D

 A76891

 A7006C

 A77997

 A7899D

 A79AA2

 A7ABA8

 A7BCAE

 A7CCB4

# Harmonies

## Analogous

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



7D4DA7



A7367F



B43051

# Triad

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



A7367F



656700



0076A1

# Complementary

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



A7367F



36A75E

# 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.



007776



A7367F



2F7116

# Square

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



A7367F



8D5700



007646



006FBB

# Rectangle

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



A7367F



AF3A34



007646



007794



# Sweetspot

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



A7367F



D9ADC9



5E36A7



6E5364



EDEDED



6E6E6E



# Same Dimension

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



A7367F



D9299B



A73647



544C51



940060



14000D



# Inverse Universe

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



A7367F



D9299B



36A796



544C51



940060



14000D



# Previews

## White Background



This preview shows how the Hex color A7367F looks on a white background.

## Color Contrast Check

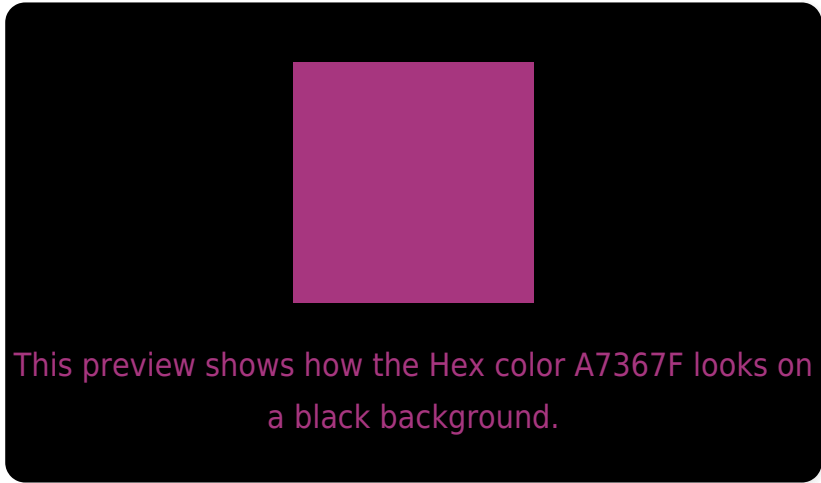
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7367F Background



This preview shows how black text looks on a background with the Hex color A7367F.

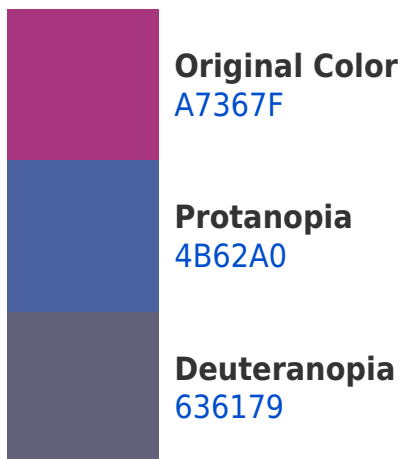



This preview shows how white text looks on a background with the Hex color A7367F.

# 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](#).

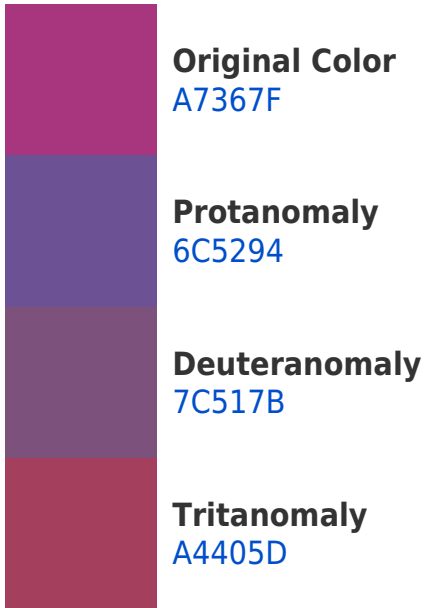
## Dichromacy



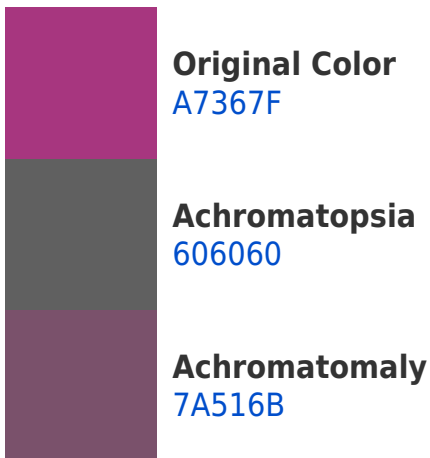


**Tritanopia**  
A24549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7367F 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 #A7367F looks like.

```
.text, #text, p{  
  color:#A7367F  
}
```

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 #A7367F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7367F
}
```

## Border

The CSS property to change the border of an element to Hex A7367F is called "border". The border property can be set on classes, ids or directly on the HTML element.

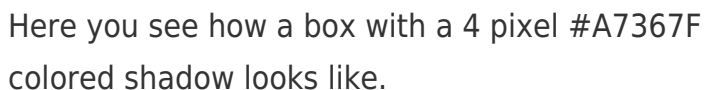
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7367F }
```

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

```
.border{ border-color:#A7367F }
```

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. The shadow is a solid purple color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A7367F colored shadow looks like."

Here you see how a box with a 4 pixel #A7367F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7367F; -webkit-box-shadow:4px 4px  
4px 4px #A7367F; box-shadow:4px 4px 4px  
4px #A7367F }
```

# Background

The CSS property to change the background color of an element to Hex A7367F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7367F }
```

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

```
.background{ background-color:#A7367F }
```

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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