

# Converting Colors

Hex(A02F7F)

Have a look what the booklet for  
Hex(A02F7F) contains.

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# Color

**Hex(A02F7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A02F7F
RGB	160, 47, 127
RGB Percent	63%, 18%, 50%
CMY	0.3725, 0.8157, 0.5020
CMYK	0.00, 0.71, 0.21, 0.37
HSL	318°, 55%, 41%
HSV	318°, 71%, 63%
XYZ	19.3445, 11.0389, 21.1898
YIQ	89.9070, 41.6680, 48.8360

# Conversions

## Conversions Part 2

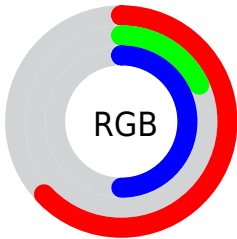
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 47, 127
Decimal	10497919
CIELab	39.65, 54.26, -19.96
CIElCh	40, 57.811, 339.803
Yxy	11.0389, 0.3751, 0.2140
Android (android.graphics.Color)	4288687999 (0xFFA02F7F)
YUV	89.9070, 18.2868, 61.4716
Hunter-Lab	33.2249, 45.7844, -14.5560

# Details

The Hex color **A02F7F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2FA050**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **DA66B4**, and **69004E** is the 20% darker color. If you saturate the color by 10%, you get **A01F7A**, and if you desaturate by 10%, it is **A03F84**.

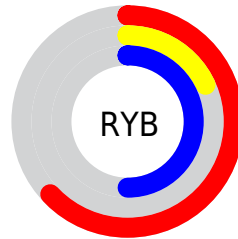
# Distribution



Red (63%)

Green (18%)

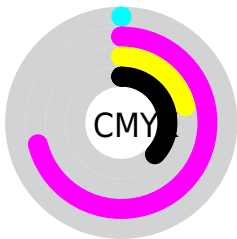
Blue (50%)



Red (63%)

Yellow (18%)

Blue (50%)

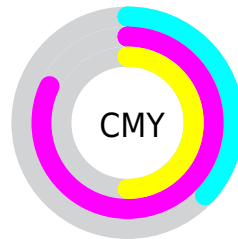


Cyan (0%)

Magenta (71%)

Yellow (21%)

Black (37%)



Cyan (37%)

Magenta (82%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A02F7F 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 A02F7F by changing the saturation by 10% instead.



 A02F7F

 A02F7F

FFFFFF

 840B66

 DA66B4

 69004E

 F782D0

 4E0037

 FF9DEC

 360022

 FFBAFF

 140006

 FFD6FF

 000000

 FFF3FF

 A02F7F

 A02F7F

 A01F7A

 A03F84

 A00F76

 A04F88

 A00071

 A05F8D

 A06F92

 A07F96

 A08F9B

 A09FA0

 A0AFA4

 A0BFA9

# Harmonies

## Analogous

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



7149A7



A02F7F



AF2450

# Triad

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



A02F7F



646000



007199

# Complementary

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



A02F7F



2FA050

# 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.



00726C



A02F7F



2D6B02

# Square

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



A02F7F



8B4F00



00703B



006BB6

# Rectangle

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



A02F7F



AC3032



00703B



00728B



# Sweetspot

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



A02F7F



D1A5C4



4F2FA0



694E61



E8E8E8



696969



# Same Dimension

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



A02F7F



D11F9D



A02F47



4F474D



8F0065



0F000B



# Inverse Universe

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



A02F7F



D11F9D



2FA088



4F474D



8F0065



0F000B



# Previews

## White Background



This preview shows how the Hex color A02F7F looks on a white background.

## Color Contrast Check

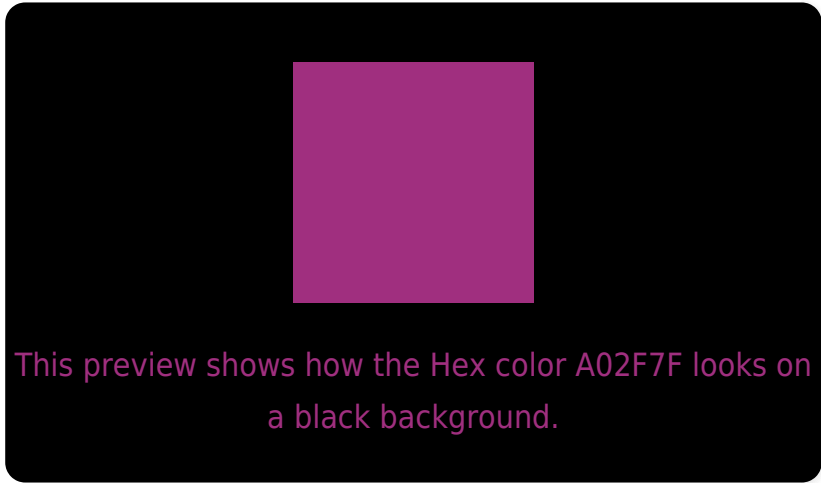
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02F7F Background



This preview shows how black text looks on a background with the Hex color A02F7F.



This preview shows how white text looks on a background with the Hex color A02F7F.

# 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](#).

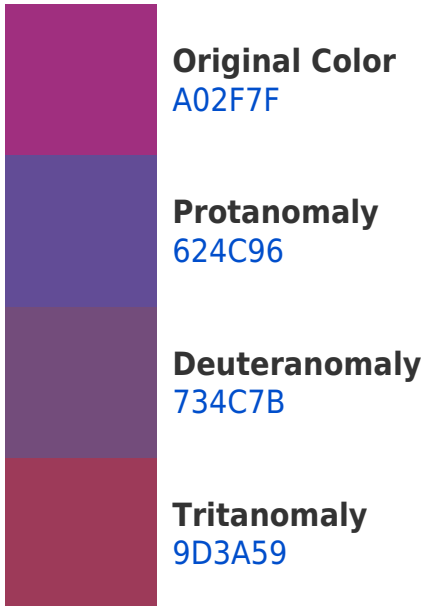
## Dichromacy



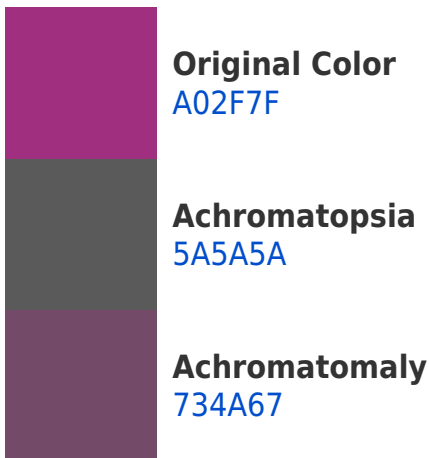


**Tritanopia**  
9B4044

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A02F7F 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 #A02F7F looks like.

```
.text, #text, p{  
    color:#A02F7F  
}
```

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 #A02F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02F7F
}
```

## Border

The CSS property to change the border of an element to Hex A02F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

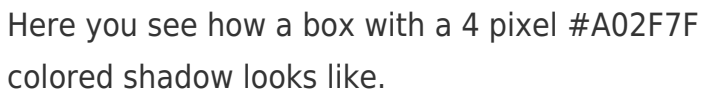
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A02F7F }
```

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

```
.border{ border-color:#A02F7F }
```

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



Here you see how a box with a 4 pixel #A02F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02F7F; -webkit-box-shadow:4px 4px  
4px 4px #A02F7F; box-shadow:4px 4px 4px  
4px #A02F7F }
```

# Background

The CSS property to change the background color of an element to Hex A02F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02F7F }
```

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

```
.background{ background-color:#A02F7F }
```

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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