

# Converting Colors

Hex(A42D9F)

Have a look what the booklet for  
Hex(A42D9F) contains.

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# Color

**Hex(A42D9F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A42D9F                    |
| RGB           | 164, 45, 159              |
| RGB Percent   | 64%, 18%, 62%             |
| CMY           | 0.3569, 0.8235, 0.3765    |
| CMYK          | 0.00, 0.73, 0.03, 0.36    |
| HSL           | 303°, 57%, 41%            |
| HSV           | 303°, 73%, 64%            |
| XYZ           | 22.5062, 12.2725, 33.9835 |
| YIQ           | 93.5770, 34.3300, 60.6820 |

# Conversions

## Conversions Part 2

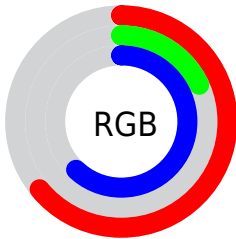
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 164, 45, 159                  |
| Decimal                             | 10759583                      |
| CIELab                              | 41.65, 60.86, -36.27          |
| CIELCh                              | 42, 70.849, 329.203           |
| Yxy                                 | 12.2725, 0.3273,<br>0.1785    |
| Android<br>(android.graphics.Color) | 4288949663<br>(0xFFA42D9F)    |
| YUV                                 | 93.5770, 32.2535,<br>61.7610  |
| Hunter-Lab                          | 35.0321, 53.3704,<br>-32.9928 |

# Details

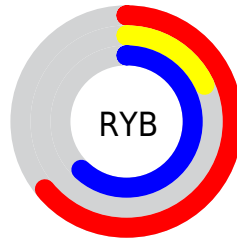
The Hex color **A42D9F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2DA432**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DE67D6**, and **6C006B** is the 20% darker color. If you saturate the color by 10%, you get **A41D9E**, and if you desaturate by 10%, it is **A43DA0**.

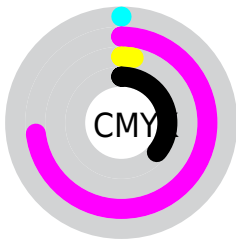
# Distribution



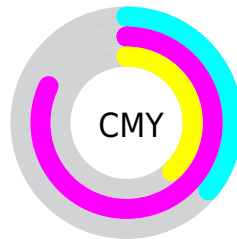
- Red (64%)
- Green (18%)
- Blue (62%)



- Red (64%)
- Yellow (18%)
- Blue (62%)



- Cyan (0%)
- Magenta (73%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42D9F 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 A42D9F by changing the saturation by 10% instead.



 A42D9F

 A42D9F

FFFFFF

 880185

 DE67D6

 6C006B

 FC82F3

 510052

 FF9EFF

 39003B

 FFBBFF

 1C0024


 FFD8FF

 00000B

 FFF5FF

 000000

 A42D9F

 A42D9F

 A41D9E

 A43DA0

 A40C9E

 A44EA0

 A4009D

 A45EA1

 A46FA2

 A47FA2

 A48FA3

 A4A0A4

 A4B0A5

 A4C1A5

# Harmonies

## Analogous

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



5353CA



A42D9F



C30066

# Triad

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



A42D9F



7A6000



007A9A

# Complementary

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



A42D9F



2DA432

# 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.



007A5F



A42D9F



3F6F00

# Square

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



A42D9F



A54600



00771F



0077C7

# Rectangle

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



A42D9F



C40540



00771F



007B87



# Sweetspot

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



A42D9F



D6A7D4



312DA4



6B4F6A



EBEBEB



6B6B6B



# Same Dimension

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



A42D9F



D61CCE



A42D65



524951



91008B



120011



# Inverse Universe

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



A42D9F



D61CCE



2DA46C



524951



91008B



120011



# Previews

## White Background



This preview shows how the Hex color A42D9F looks on a white background.

## Color Contrast Check

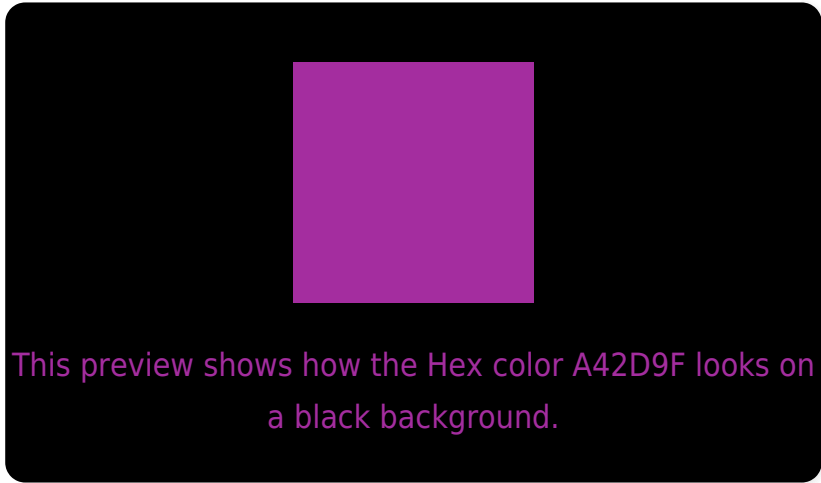
Large Text (above 18pt) WCAG AA ✓ Pass

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

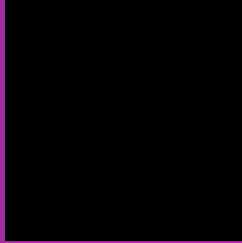
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A42D9F Background



This preview shows how black text looks on a background with the Hex color A42D9F.

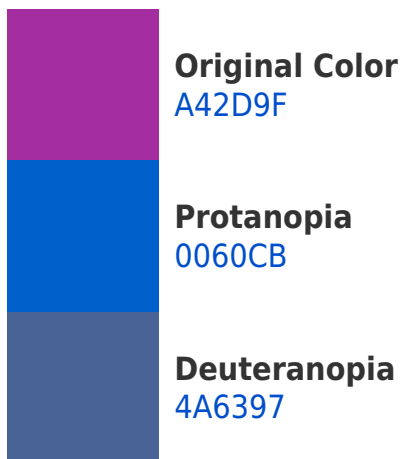


This preview shows how white text looks on a background with the Hex color A42D9F.

# 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**  
9B494E

# Trichromacy



**Original Color**  
A42D9F



**Protanomaly**  
3C4DBB



**Deuteranomaly**  
6B4F9A



**Tritanomaly**  
9E3F6B

# Monochromacy



**Original Color**  
A42D9F



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
774C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42D9F 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 #A42D9F looks like.

```
.text, #text, p{  
    color:#A42D9F  
}
```

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 #A42D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42D9F
}
```

## Border

The CSS property to change the border of an element to Hex A42D9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

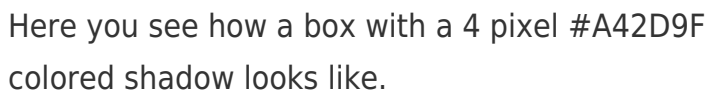
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42D9F }
```

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

```
.border{ border-color:#A42D9F }
```

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



Here you see how a box with a 4 pixel #A42D9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42D9F; -webkit-box-shadow:4px 4px  
4px 4px #A42D9F; box-shadow:4px 4px 4px  
4px #A42D9F }
```

# Background

The CSS property to change the background color of an element to Hex A42D9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42D9F }
```

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

```
.background{ background-color:#A42D9F }
```

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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