

# Converting Colors

Hex(A42C9A)

Have a look what the booklet for  
Hex(A42C9A) contains.

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**Color**

**Hex(A42C9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A42C9A
RGB	164, 44, 154
RGB Percent	64%, 17%, 60%
CMY	0.3569, 0.8275, 0.3961
CMYK	0.00, 0.73, 0.06, 0.36
HSL	305°, 58%, 41%
HSV	305°, 73%, 64%
XYZ	22.0433, 12.0270, 31.7315
YIQ	92.4200, 36.2100, 59.6500

# Conversions

## Conversions Part 2

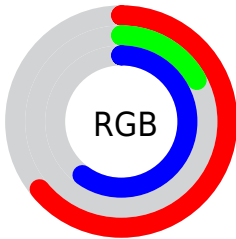
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 44, 154
Decimal	10759322
CIELab	41.26, 60.39, -33.88
CIELCh	41, 69.243, 330.709
Yxy	12.0270, 0.3350, 0.1828
Android (android.graphics.Color)	4288949402 (0xFFA42C9A)
YUV	92.4200, 30.3589, 62.7757
Hunter-Lab	34.6799, 52.7683, -29.9733

# Details

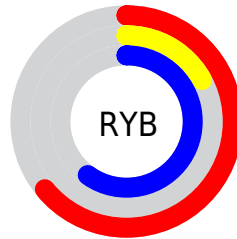
The Hex color **A42C9A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2CA436**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **DE66D1**, and **6C0066** is the 20% darker color. If you saturate the color by 10%, you get **A41C99**, and if you desaturate by 10%, it is **A43C9B**.

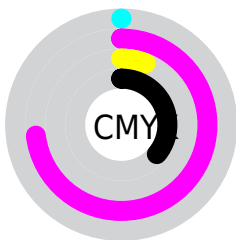
# Distribution



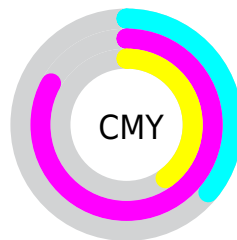
- Red (64%)
- Green (17%)
- Blue (60%)



- Red (64%)
- Yellow (17%)
- Blue (60%)



- Cyan (0%)
- Magenta (73%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (83%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A42C9A 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 A42C9A by changing the saturation by 10% instead.



 A42C9A

 A42C9A

FFFFFF

 880080

 DE66D1

 6C0066

 FC81ED

 51004E

 FF9DFF

 390037

 FFBAFF

 1B0020

 FFD7FF

 000004

 FFF4FF

 000000

 A42C9A

 A42C9A

 A41C99

 A43C9B

 A40B97

 A44D9D

 A40096

 A45D9E

 A46E9F

 A47EA1

 A48EA2

 A49FA4

 A4AFA5

 A4C0A6

# Harmonies

## Analogous

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



5951C5



A42C9A



C00063

# Triad

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



A42C9A



766000



00799A

# Complementary

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



A42C9A



2CA436

# 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.



007961



A42C9A



3B6E00

# Square

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



A42C9A



A14700



007524



0075C5

# Rectangle

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



A42C9A



C1103D



007524



007988



# Sweetspot

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



A42C9A



D6A7D2



362CA4



6B4F69



EBEBEB



6B6B6B



# Same Dimension

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



A42C9A



D61AC6



A42C5E



524951



910085



120010



# Inverse Universe

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



A42C9A



D61AC6



2CA472



524951



910085



120010



# Previews

## White Background



This preview shows how the Hex color A42C9A looks on a white background.

## Color Contrast Check

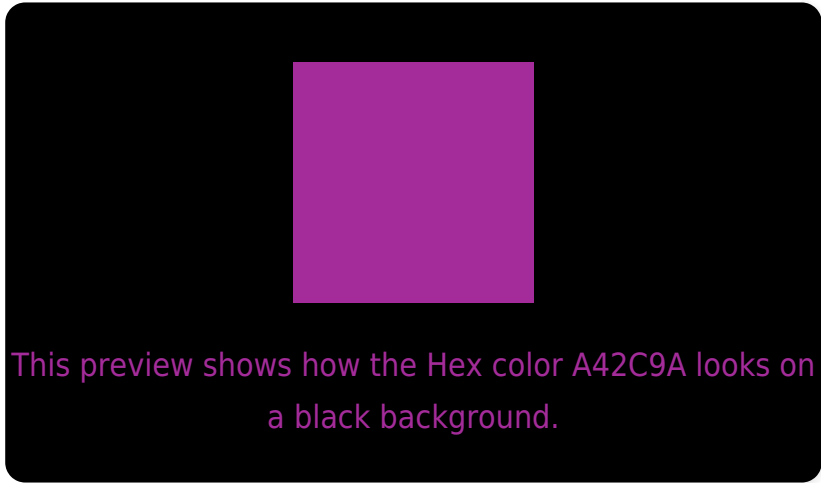
Large Text (above 18pt) WCAG AA ✓ Pass

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

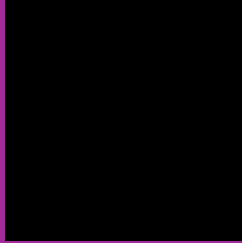
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A42C9A Background



This preview shows how black text looks on a background with the Hex color A42C9A.

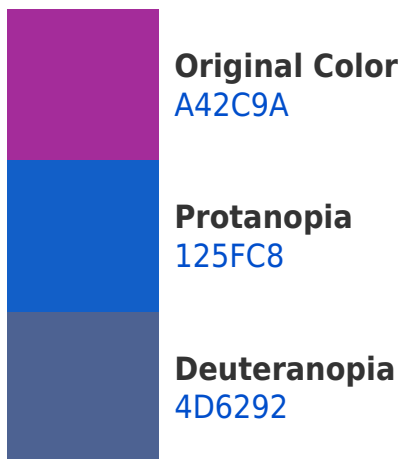



This preview shows how white text looks on a background with the Hex color A42C9A.

# 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](#).

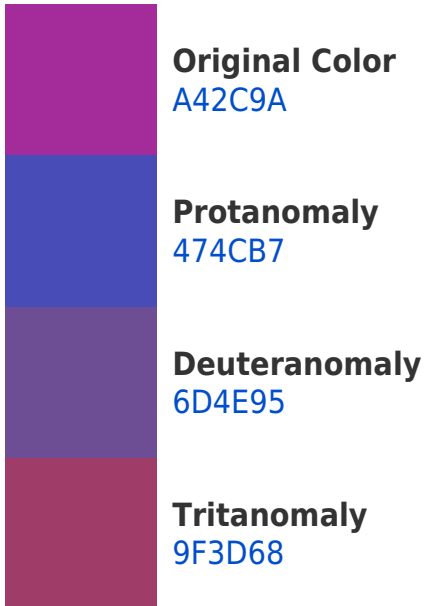
## Dichromacy





**Tritanopia**  
9C474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A42C9A 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 #A42C9A looks like.

```
.text, #text, p{  
    color:#A42C9A  
}
```

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 #A42C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42C9A
}
```

## Border

The CSS property to change the border of an element to Hex A42C9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

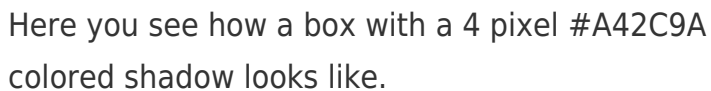
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42C9A }
```

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

```
.border{ border-color:#A42C9A }
```

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



Here you see how a box with a 4 pixel #A42C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42C9A; -webkit-box-shadow:4px 4px  
4px 4px #A42C9A; box-shadow:4px 4px 4px  
4px #A42C9A }
```

# Background

The CSS property to change the background color of an element to Hex A42C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42C9A }
```

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

```
.background{ background-color:#A42C9A }
```

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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