

# Converting Colors

Hex(A41EAE)

Have a look what the booklet for  
Hex(A41EAE) contains.

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**Color**

**Hex(A41EAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A41EAE
RGB	164, 30, 174
RGB Percent	64%, 12%, 68%
CMY	0.3569, 0.8824, 0.3176
CMYK	0.06, 0.83, 0.00, 0.32
HSL	296°, 71%, 40%
HSV	296°, 83%, 68%
XYZ	23.4141, 11.8771, 41.1028
YIQ	86.4820, 33.6400, 73.1920

# Conversions

## Conversions Part 2

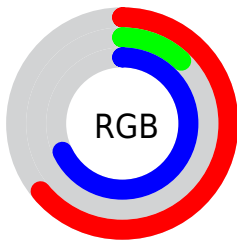
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 30, 174
Decimal	10755758
CIELab	41.02, 67.66, -46.23
CIElCh	41, 81.948, 325.654
Yxy	11.8771, 0.3065, 0.1555
Android (android.graphics.Color)	4288945838 (0xFFA41EAE)
YUV	86.4820, 43.1464, 67.9833
Hunter-Lab	34.4631, 60.9618, -46.5888

# Details

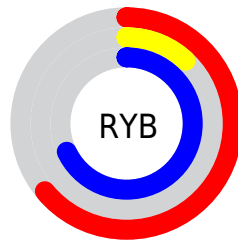
The Hex color **A41EAE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **28AE1E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DE5EE6**, and **6C0079** is the 20% darker color. If you saturate the color by 10%, you get **A30DAE**, and if you desaturate by 10%, it is **A52FAE**.

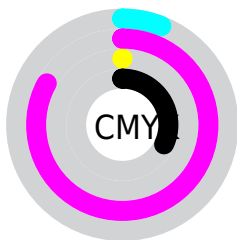
# Distribution



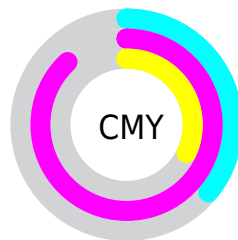
- Red (64%)
- Green (12%)
- Blue (68%)



- Red (64%)
- Yellow (12%)
- Blue (68%)



- Cyan (6%)
- Magenta (83%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (88%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A41EAE 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 A41EAE by changing the saturation by 10% instead.





A41EAE



A41EAE

FFFFFF



880093



DE5EE6



6C0079



FC7AFF



50005F



FF97FF



370047



FFB3FF



19002F



FFD0FF



000119



FFEEFF



000000



A41EAE



A41EAE



A30DAE



A52FAE

 A200AE

 A641AE

 A852AE

 A964AE

 AA75AE

 AB86AE

 AC98AE

 AEA9AE

 AFBBAE

# Harmonies

## Analogous

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



2654DD



A41EAE



CC006E

# Triad

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



A41EAE



7F5B00



007B9A

# Complementary

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



A41EAE



28AE1E

# 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.



007A55



A41EAE



3D6D00

# Square

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



A41EAE



AF3800



007600



0079D1

# Rectangle

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



A41EAE



D00042



007600



007B84



# Sweetspot

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



A41EAE



DFAAE3



1E2AAE



705073



F2F2F2



737373



# Same Dimension

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



A41EAE



D302E3



AE1E72



564E57



8C0096



150017



# Inverse Universe

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



AE1E28



E30212



1EAE5A



574E4F



96000A

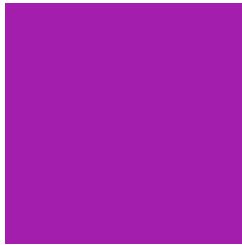


170002



# Previews

## White Background



This preview shows how the Hex color A41EAE looks on a white background.

## Color Contrast Check

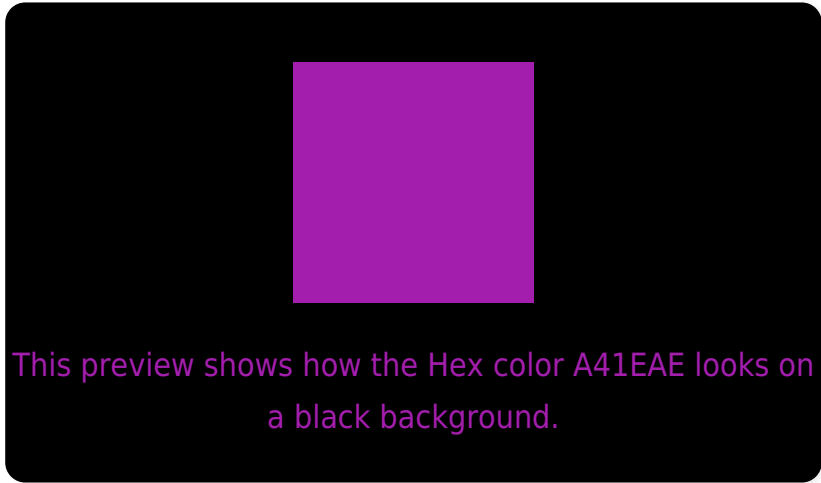
Large Text (above 18pt) WCAG AA ✓ Pass

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

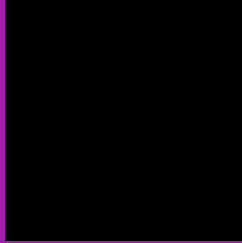
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A41EAE Background



This preview shows how black text looks on a background with the Hex color A41EAE.

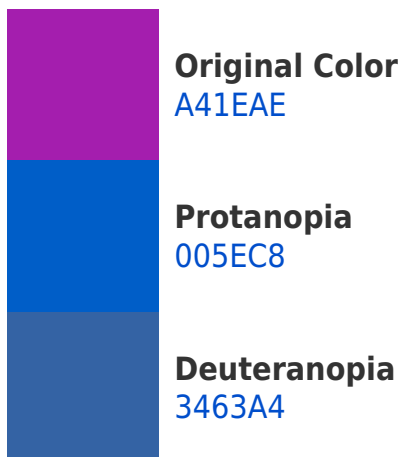



This preview shows how white text looks on a background with the Hex color A41EAE.

# 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**  
99484D

# Trichromacy



**Original Color**  
A41EAE



**Protanomaly**  
3C47BF



**Deuteranomaly**  
5D4AA8



**Tritanomaly**  
9D3970

# Monochromacy



**Original Color**  
A41EAE



**Achromatopsia**  
565656



**Achromatomaly**  
724276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A41EAE 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 #A41EAE looks like.

```
.text, #text, p{  
    color:#A41EAE  
}
```

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 #A41EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A41EAE
}
```

## Border

The CSS property to change the border of an element to Hex A41EAE 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".

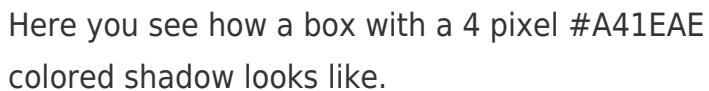
```
.border, #border, table{ border:4px solid
#A41EAE }
```

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

```
.border{ border-color:#A41EAE }
```

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

Here you see how a box with a 4 pixel #A41EAE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A41EAE; -webkit-box-shadow:4px 4px  
4px 4px #A41EAE; box-shadow:4px 4px 4px  
4px #A41EAE }
```

# Background

The CSS property to change the background color of an element to Hex A41EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A41EAE }
```

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

```
.background{ background-color:#A41EAE }
```

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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