

# Converting Colors

Hex(A641AE)

Have a look what the booklet for  
Hex(A641AE) contains.

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# Color

**Hex(A641AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A641AE
RGB	166, 65, 174
RGB Percent	65%, 25%, 68%
CMY	0.3490, 0.7451, 0.3176
CMYK	0.05, 0.63, 0.00, 0.32
HSL	296°, 46%, 47%
HSV	296°, 63%, 68%
XYZ	25.2562, 14.9436, 41.5977
YIQ	107.6250, 25.2070, 55.3110

# Conversions

## Conversions Part 2

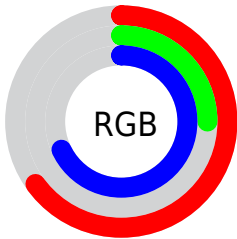
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 65, 174</a>
Decimal	<a href="#">10895790</a>
CIELab	<a href="#">45.56, 56.12, -38.99</a>
CIELCh	<a href="#">46, 68.334, 325.210</a>
Yxy	<a href="#">14.9436, 0.3088, 0.1827</a>
Android (android.graphics.Color)	<a href="#">4289085870 (0xFFA641AE)</a>
YUV	<a href="#">107.6250, 32.7229, 51.1949</a>
Hunter-Lab	<a href="#">38.6569, 48.9718, -36.7405</a>

# Details

The Hex color **A641AE** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49AE41**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E077E6**, and **6F0079** is the 20% darker color. If you saturate the color by 10%, you get **A530AE**, and if you desaturate by 10%, it is **A752AE**.

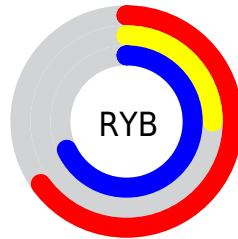
# Distribution



Red (65%)

Green (25%)

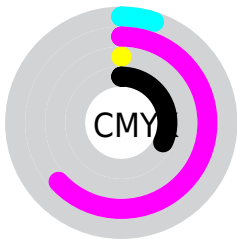
Blue (68%)



Red (65%)

Yellow (25%)

Blue (68%)

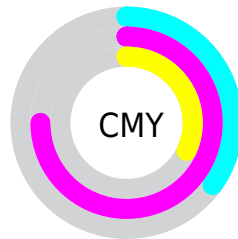


Cyan (5%)

Magenta (63%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (75%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A641AE 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 A641AE by changing the saturation by 10% instead.



 A641AE

 A641AE

FFFFFF

 8A2493

 E077E6

 6F0079

 FD93FF

 540060

 FFAFFF

 3A0047

 FFCBFF

 210030

 FFE8FF

 00011A

 000000

 A641AE

 A641AE

 A530AE

 A752AE

 A31EAE

 A964AE

 A20DAE

 AA75AE

 A100AE

 AB87AE

 AC98AE

 AEA9AE

 AFBBAE

 B0CCAЕ

 B1DEAE

# Harmonies

## Analogous

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



4F61D5



A641AE



CA2178

# Triad

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



A641AE



8B6600



00849B

# Complementary

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



A641AE



49AE41

# 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.



008461



A641AE



547700

# Square

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



A641AE



B44D00



008023



0081CA

# Rectangle

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



A641AE



CE2252



008023



008588



# Sweetspot

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



A641AE



E0B8E3



414AAE



715873



F2F2F2



737373



# Same Dimension

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



A641AE



D639E3



AE4181



564E57



8B0096



150017



# Inverse Universe

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



AE4149



E33945



41AE6E



574E4F



96000B



170002



# Previews

## White Background



This preview shows how the Hex color A641AE looks on a white background.

## Color Contrast Check

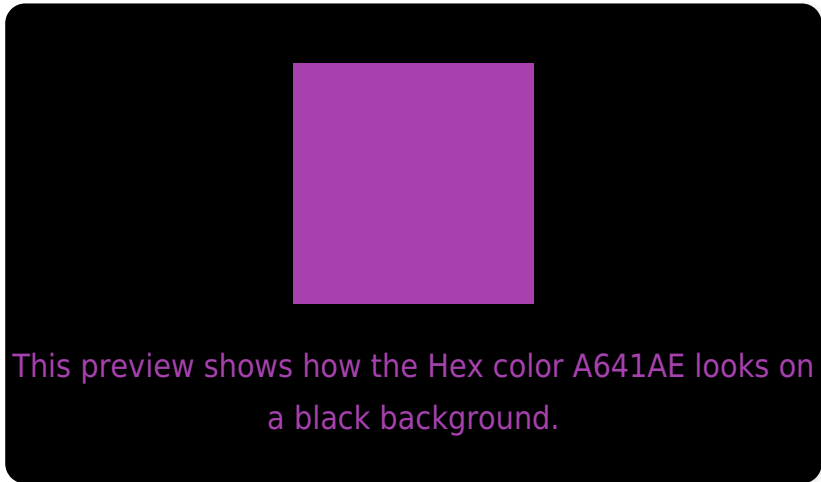
Large Text (above 18pt) WCAG AA ✓ Pass

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

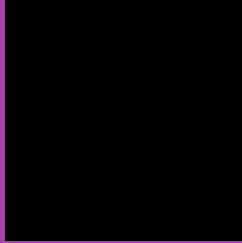
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A641AE Background



This preview shows how black text looks on a background with the Hex color A641AE.

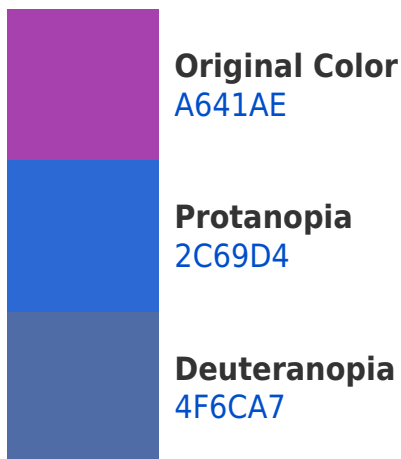


This preview shows how white text looks on a background with the Hex color A641AE.

# 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](#).

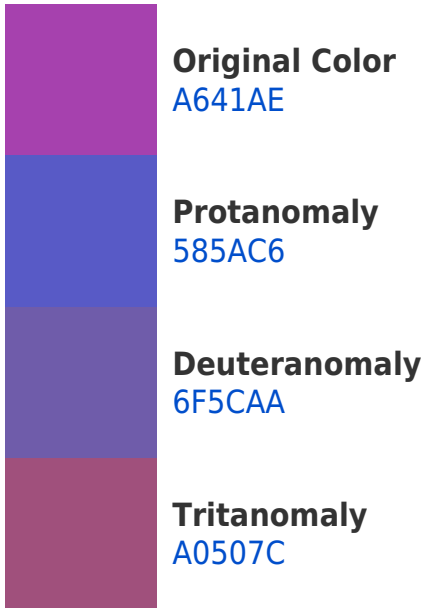
## Dichromacy



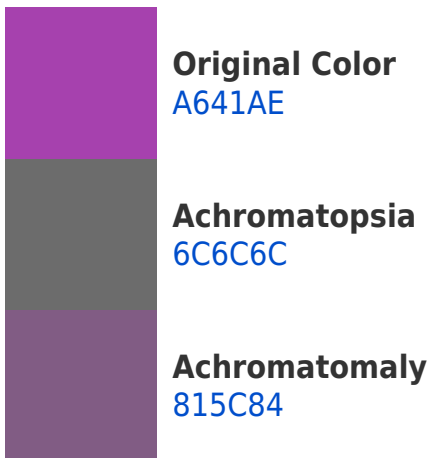


**Tritanopia**  
9C585F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A641AE 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 #A641AE looks like.

```
.text, #text, p{  
    color:#A641AE  
}
```

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 #A641AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A641AE
}
```

## Border

The CSS property to change the border of an element to Hex A641AE 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".

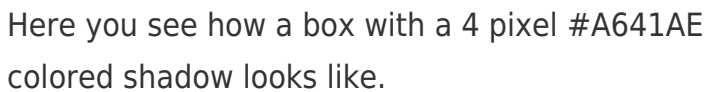
```
.border, #border, table{ border:4px solid
#A641AE }
```

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

```
.border{ border-color:#A641AE }
```

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

Here you see how a box with a 4 pixel #A641AE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A641AE; -webkit-box-shadow:4px 4px  
4px 4px #A641AE; box-shadow:4px 4px 4px  
4px #A641AE }
```

# Background

The CSS property to change the background color of an element to Hex A641AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A641AE }
```

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

```
.background{ background-color:#A641AE }
```

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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