

Converting Colors

Hex(A71A8A)

Have a look what the booklet for
Hex(A71A8A) contains.

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Color

Hex(A71A8A)

Conversions

Conversions Part 1

Format	Color
Hex	A71A8A
RGB	167, 26, 138
RGB Percent	65%, 10%, 54%
CMY	0.3451, 0.8980, 0.4588
CMYK	0.00, 0.84, 0.17, 0.35
HSL	312°, 73%, 38%
HSV	312°, 84%, 65%
XYZ	20.8932, 10.7893, 25.0261
YIQ	80.9270, 48.0840, 64.7240

Conversions

Conversions Part 2

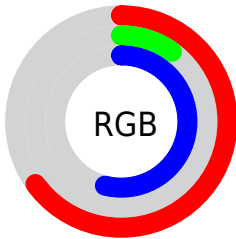
Format	Color
R_{YB}	167, 26, 138
Decimal	10951306
CIE _{Lab}	39.22, 63.73, -27.30
CIE _{LCh}	39, 69.328, 336.811
Yxy	10.7893, 0.3684, 0.1903
Android (android.graphics.Color)	4289141386 (0xFFA71A8A)
YUV	80.9270, 28.1370, 75.4860
Hunter-Lab	32.8470, 56.0573, -22.1801

Details

The Hex color **A71A8A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1AA737**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E25AC0**, and **6F0058** is the 20% darker color. If you saturate the color by 10%, you get **A70987**, and if you desaturate by 10%, it is **A72B8D**.

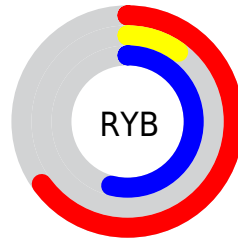
Distribution



Red (65%)

Green (10%)

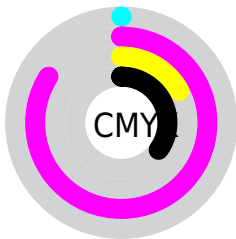
Blue (54%)



Red (65%)

Yellow (10%)

Blue (54%)

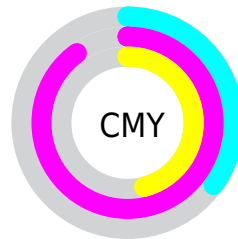


Cyan (0%)

Magenta (84%)

Yellow (17%)

Black (35%)



Cyan (35%)

Magenta (90%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color A71A8A 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 A71A8A by changing the saturation by 10% instead.

 A71A8A

 A71A8A

FFFFFF

 8A0070

 E25AC0

 6F0058

 FF77DC

 530040

 FF93F8

 3A002A

 FFB0FF

 1A0013

 FFC0FF

 000000

 FFEAFF

 A71A8A

 A71A8A

 A70987

 A72B8D

 A70085

 A73B91

 A74C94

 A75D98

 A76E9B

 A77E9F

 A78FA2

 A7A0A5

 A7B0A9

Harmonies

Analogous

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



6946B8



A71A8A



BC0052

Triad

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



A71A8A



665E00



00739F

Complementary

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



A71A8A



1AA737

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.



007368



A71A8A



236B00

Square

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



A71A8A



934800



00712C



006EC5

Rectangle

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



A71A8A



B8102E



00712C



00748E

Sweetspot

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



A71A8A



D9A3CE



361AA7



6E4D67



EDEDED



6E6E6E

Same Dimension

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



A71A8A



D900AC



A71A44



544C52



940075



140010

Inverse Universe

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



A71A8A



D900AC



1AA77D



544C52



940075



140010

Previews

White Background



This preview shows how the Hex color A71A8A looks on a white background.

Color Contrast Check

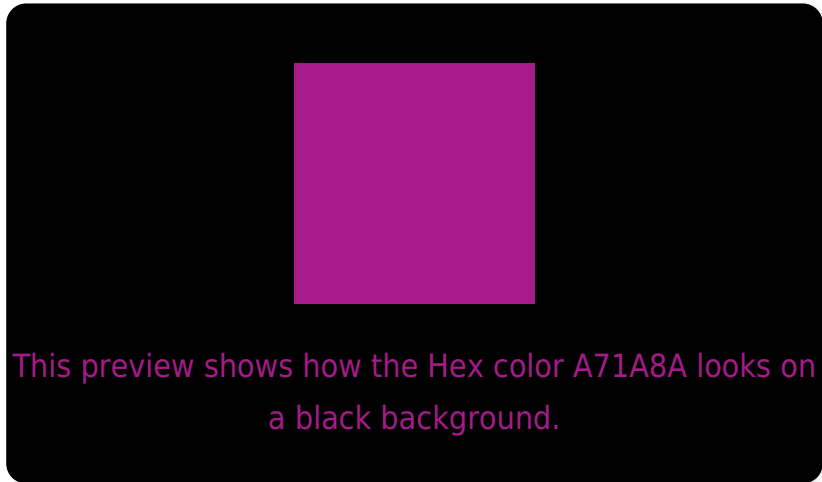
Large Text (above 18pt) WCAG AA ✓ Pass

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

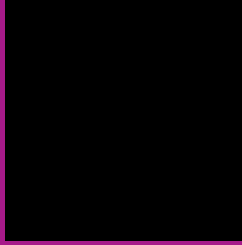
Any Text WCAG AA × Fail

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 A71A8A Background



This preview shows how black text looks on a background with the Hex color A71A8A.

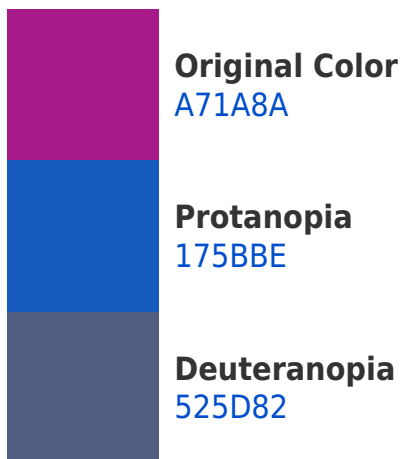


This preview shows how white text looks on a background with the Hex color A71A8A.

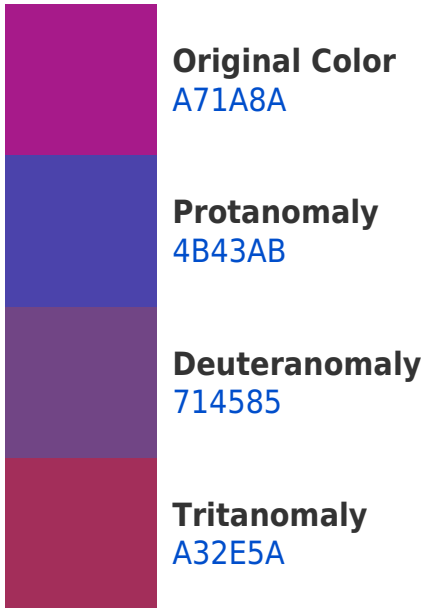
Color Blindness Simulation

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](#).

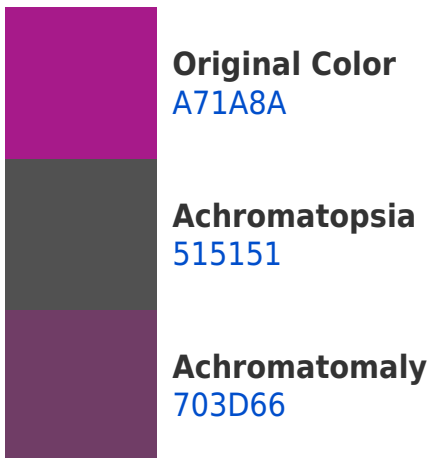
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A71A8A 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 #A71A8A looks like.

```
.text, #text, p{  
    color:#A71A8A  
}
```

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 #A71A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A71A8A
}
```

Border

The CSS property to change the border of an element to Hex A71A8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

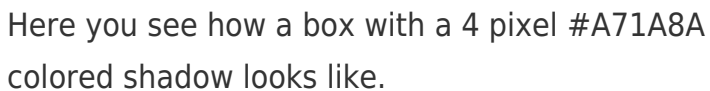
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A71A8A }
```

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

```
.border{ border-color:#A71A8A }
```

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



Here you see how a box with a 4 pixel `#A71A8A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A71A8A; -webkit-box-shadow:4px 4px  
4px 4px #A71A8A; box-shadow:4px 4px 4px  
4px #A71A8A }
```

Background

The CSS property to change the background color of an element to Hex A71A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A71A8A }
```

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

```
.background{ background-color:#A71A8A }
```

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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