

Converting Colors

Hex(A71AD8)

Have a look what the booklet for
Hex(A71AD8) contains.

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Color

Hex(A71AD8)

Conversions

Conversions Part 1

Format	Color
Hex	A71AD8
RGB	167, 26, 216
RGB Percent	65%, 10%, 85%
CMY	0.3451, 0.8980, 0.1529
CMYK	0.23, 0.88, 0.00, 0.15
HSL	285°, 79%, 47%
HSV	285°, 88%, 85%
XYZ	28.7004, 13.9121, 66.1384
YIQ	89.8190, 23.0460, 88.9820

Conversions

Conversions Part 2

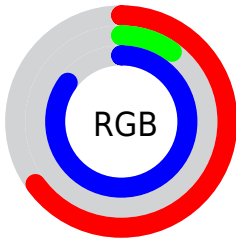
Format	Color
R_{YB}	167, 26, 216
Decimal	10951384
CIE _{Lab}	44.11, 76.36, -65.75
CIE _{LCh}	44, 100.768, 319.272
Yxy	13.9121, 0.2639, 0.1279
Android (android.graphics.Color)	4289141464 (0xFFA71AD8)
YUV	89.8190, 62.2072, 67.6877
Hunter-Lab	37.2990, 72.0770, -79.0234

Details

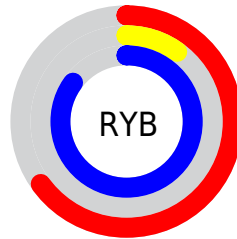
The Hex color **A71AD8** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **4BD81A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E35FFF**, and **6C00A0** is the 20% darker color. If you saturate the color by 10%, you get **A104D8**, and if you desaturate by 10%, it is **AD30D8**.

Distribution



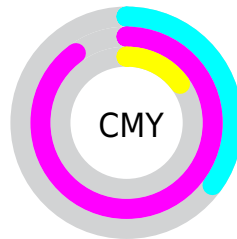
- Red (65%)
- Green (10%)
- Blue (85%)



- Red (65%)
- Yellow (10%)
- Blue (85%)



- Cyan (23%)
- Magenta (88%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (90%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A71AD8 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 A71AD8 by changing the saturation by 10% instead.

 A71AD8

 A71AD8

FFFFFF

 8A00BC

 E35FFF

 6C00A0

 FF7CFF

 4F0085

 FF99FF

 31006B

 FFB6FF

 0B0052

 FFD3FF

 000039

 FFF1FF

 000223

 000009

 000000

 A71AD8

 A71AD8

 A104D8

 AD30D8

 A000D8

 B245D8

 B85BD8

 BD70D8

 C386D8

 C89CD8

 CEB1D8

 D4C7D8

 D9DCD8

Harmonies

Analogous

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



0062FF



A71AD8



E6008A

Triad

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



A71AD8



985A00



00879E

Complementary

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



A71AD8



4BD81A

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.



008546



A71AD8



4B7400

Square

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



A71AD8



D01700



008000



0087E9

Rectangle

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



A71AD8



F10053



008000



008781

Sweetspot

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



A71AD8



EEBDFE



1A4DD8



755880



000000



808080

Same Dimension

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



A71AD8



BD00FF



D81AAC



68606B



7F00AB



20002B

Inverse Universe

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



D81A4B



FF0042



1AD846



6B6063



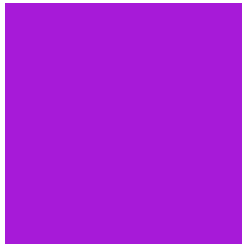
AB002C



2B000B

Previews

White Background



This preview shows how the Hex color A71AD8 looks on a white background.

Color Contrast Check

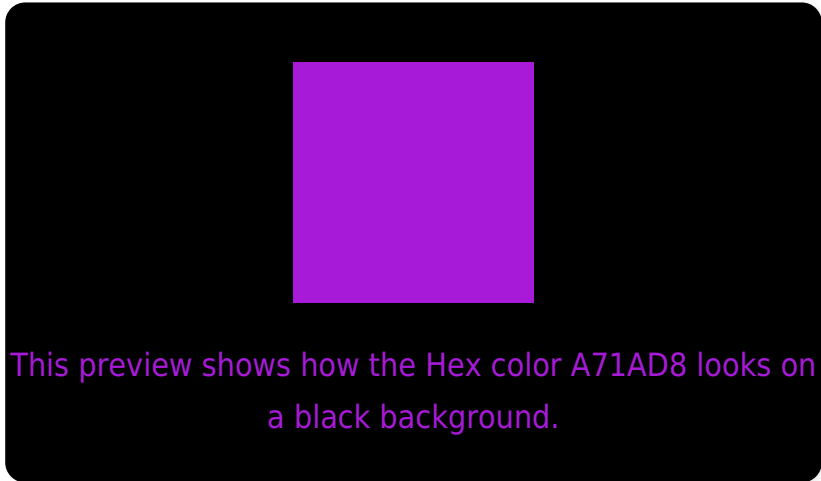
Large Text (above 18pt) WCAG AA ✓ Pass

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

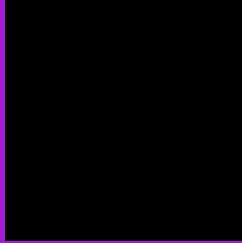
Any Text WCAG AA × Fail

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 A71AD8 Background



This preview shows how black text looks on a background with the Hex color A71AD8.

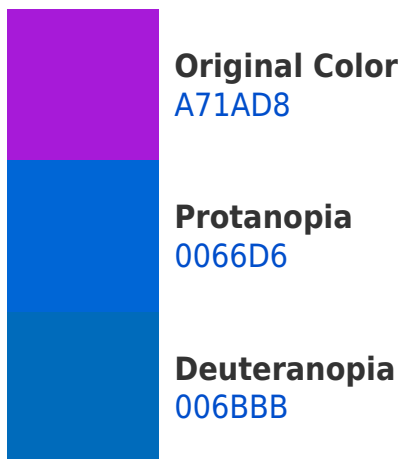


This preview shows how white text looks on a background with the Hex color A71AD8.

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](#).

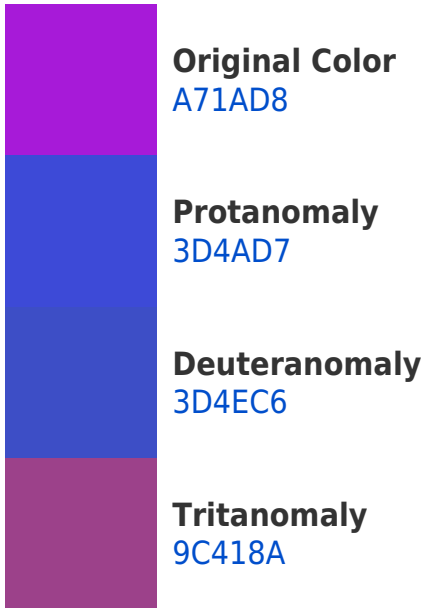
Dichromacy



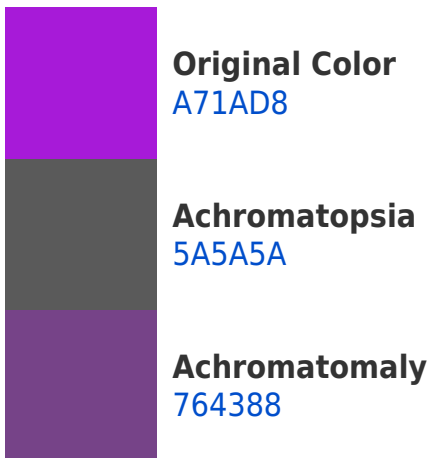


Tritanopia
95575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A71AD8 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 #A71AD8 looks like.

```
.text, #text, p{  
    color:#A71AD8  
}
```

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 #A71AD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A71AD8
}
```

Border

The CSS property to change the border of an element to Hex A71AD8 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
#A71AD8 }
```

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

```
.border{ border-color:#A71AD8 }
```

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

Here you see how a box with a 4 pixel #A71AD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A71AD8; -webkit-box-shadow:4px 4px  
4px 4px #A71AD8; box-shadow:4px 4px 4px  
4px #A71AD8 }
```

Background

The CSS property to change the background color of an element to Hex A71AD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A71AD8 }
```

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

```
.background{ background-color:#A71AD8 }
```

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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