

Converting Colors

Hex(AA71D0)

Have a look what the booklet for
Hex(AA71D0) contains.

Hex(AA71D0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AA71D0)

Conversions

Conversions Part 1

Format	Color
Hex	AA71D0
RGB	170, 113, 208
RGB Percent	67%, 44%, 82%
CMY	0.3333, 0.5569, 0.1843
CMYK	0.18, 0.46, 0.00, 0.18
HSL	276°, 50%, 63%
HSV	276°, 46%, 82%
XYZ	33.8679, 24.9104, 62.6977
YIQ	140.8730, 3.4770, 41.6290

Conversions

Conversions Part 2

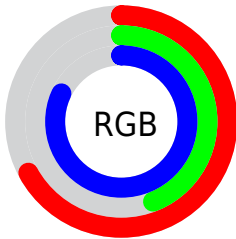
Format	Color
RYB	170, 113, 208
Decimal	11170256
CIELab	56.99, 39.87, -40.55
CIELCh	57, 56.868, 314.518
Yxy	24.9104, 0.2788, 0.2051
Android (android.graphics.Color)	4289360336 (0xFFAA71D0)
YUV	140.8730, 33.0936, 25.5444
Hunter-Lab	49.9103, 33.7826, -39.5433

Details

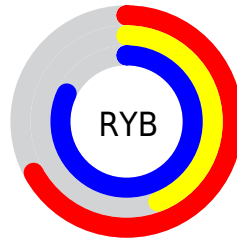
The Hex color **AA71D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97D071**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E3A6FF**, and **743F99** is the 20% darker color. If you saturate the color by 10%, you get **A25CD0**, and if you desaturate by 10%, it is **B286D0**.

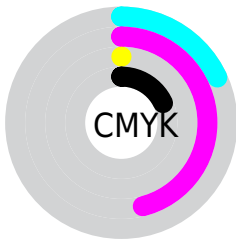
Distribution



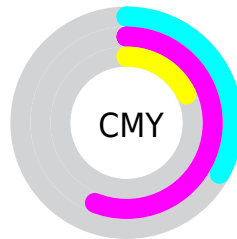
- Red (67%)
- Green (44%)
- Blue (82%)



- Red (67%)
- Yellow (44%)
- Blue (82%)



- Cyan (18%)
- Magenta (46%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA71D0 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 AA71D0 by changing the saturation by 10% instead.

■ AA71D0

■ AA71D0

FFFFFF

■ 8F58B4

■ E3A6FF

■ 743F99

■ FFC2FF

■ 59277F

■ FFDEFF

■ 400D65

■ FFFBFF

■ 26004D

■ 0E0035

■ 00021F

■ 000002

■ 000000

■ AA71D0

■ AA71D0

■ A25CD0

■ B286D0

■ 9947D0

■ BB9BD0

■ 9133D0

■ C3AFD0

■ 891ED0

■ CBC4D0

■ 8009D0

■ D4D9D0

■ 7D00D0

■ DCEED0

■ E4FFD0

■ EDFFD0

■ F5FFD0

Harmonies

Analogous

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



5586E9



AA71D0



D55EA5

Triad

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



AA71D0



B87D22



00A1A0

Complementary

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



AA71D0



97D071

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.



009F6D



AA71D0



8C8E1C

Square

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



AA71D0



D76945



53993D



009ECD

Rectangle

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



AA71D0



E25983



53993D



00A08F

Sweetspot

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



AA71D0



F1DBFF



7197D0



776A80



000000



808080

Same Dimension

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



AA71D0



C773FF



D071C7



645E69



6500A8



180029

Inverse Universe

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



D07197



FF73AB



71D07A



695E62



A80043



290010

Previews

White Background



This preview shows how the Hex color AA71D0 looks on a white background.

Color Contrast Check

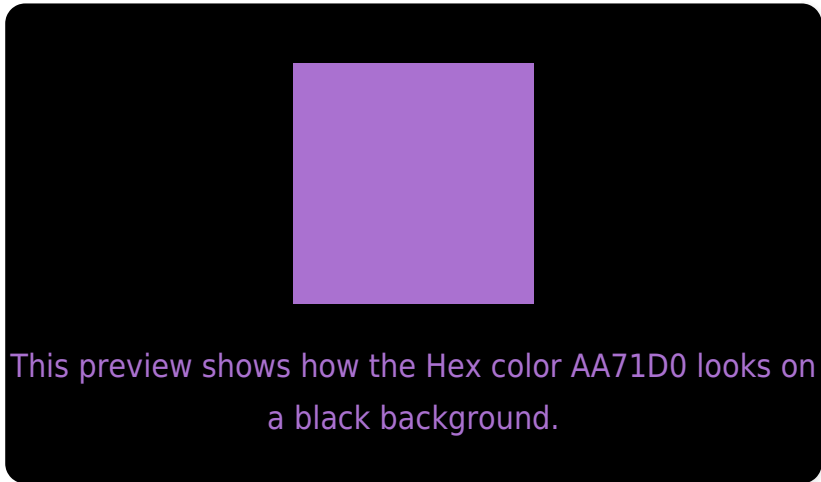
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

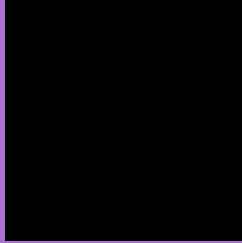
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AA71D0 Background



This preview shows how black text looks on a background with the Hex color AA71D0.

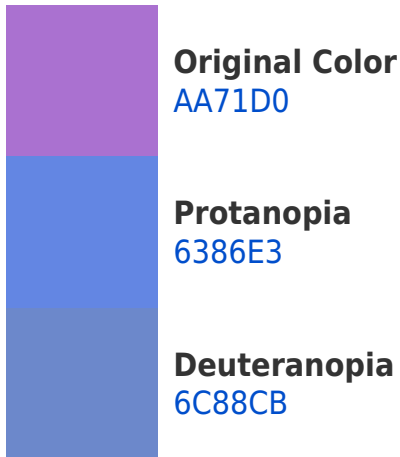


This preview shows how white text looks on a background with the Hex color AA71D0.

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](#).

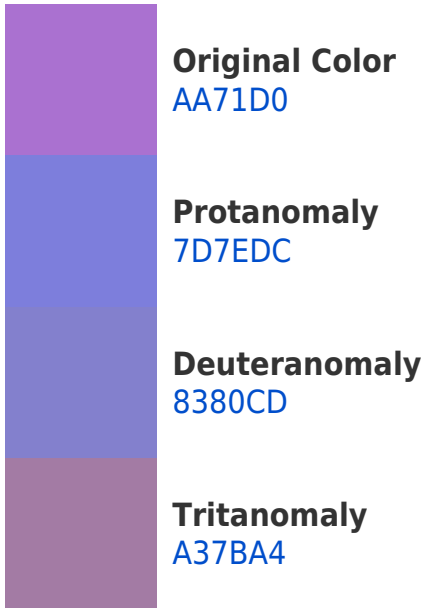
Dichromacy



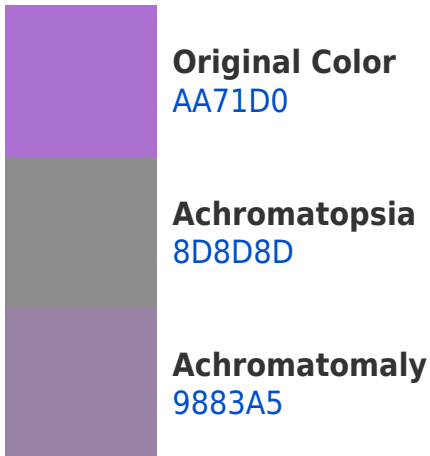


Tritanopia
9F818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA71D0 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 #AA71D0 looks like.

```
.text, #text, p{  
    color:#AA71D0  
}
```

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 #AA71D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA71D0
}
```

Border

The CSS property to change the border of an element to Hex AA71D0 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
#AA71D0 }
```

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

```
.border{ border-color:#AA71D0 }
```

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

Here you see how a box with a 4 pixel #AA71D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA71D0; -webkit-box-shadow:4px 4px  
4px 4px #AA71D0; box-shadow:4px 4px 4px  
4px #AA71D0 }
```

Background

The CSS property to change the background color of an element to Hex AA71D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA71D0 }
```

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

```
.background{ background-color:#AA71D0 }
```

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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