

Converting Colors

Hex(A216CA)

Have a look what the booklet for
Hex(A216CA) contains.

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Color

Hex(A216CA)

Conversions

Conversions Part 1

Format	Color
Hex	A216CA
RGB	162, 22, 202
RGB Percent	64%, 9%, 79%
CMY	0.3647, 0.9137, 0.2078
CMYK	0.20, 0.89, 0.00, 0.21
HSL	287°, 80%, 44%
HSV	287°, 89%, 79%
XYZ	25.8479, 12.5195, 56.9313
YIQ	84.3800, 25.6600, 85.6600

Conversions

Conversions Part 2

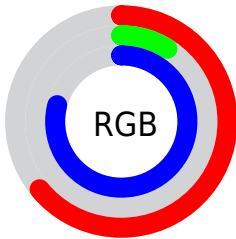
Format	Color
R_{YB}	162, 22, 202
Decimal	10622666
CIE _{Lab}	42.03, 73.81, -61.07
CIE _{LCh}	42, 95.801, 320.395
Yxy	12.5195, 0.2712, 0.1314
Android (android.graphics.Color)	4288812746 (0xFFA216CA)
YUV	84.3800, 57.9867, 68.0727
Hunter-Lab	35.3829, 68.4777, -70.6300

Details

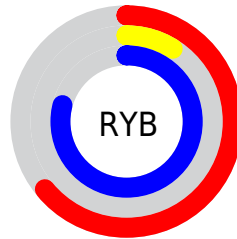
The Hex color **A216CA** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **3ECA16**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DD5BFF**, and **680093** is the 20% darker color. If you saturate the color by 10%, you get **9E02CA**, and if you desaturate by 10%, it is **A62ACA**.

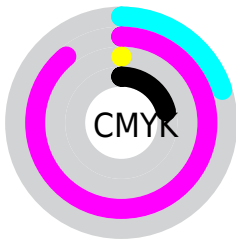
Distribution



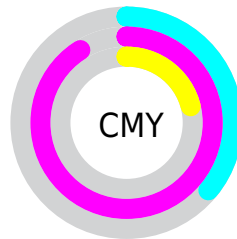
- Red (64%)
- Green (9%)
- Blue (79%)



- Red (64%)
- Yellow (9%)
- Blue (79%)



- Cyan (20%)
- Magenta (89%)
- Yellow (0%)
- Black (21%)




- Cyan (36%)
- Magenta (91%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color A216CA 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 A216CA by changing the saturation by 10% instead.

 A216CA

 A216CA

FFFFFF

 8500AE

 DD5BFF

 680093

 FB78FF

 4B0078

 FF95FF

 30005F

 FFB2FF

 090046

 FFCFFF

 00042E

 FFEDFF

 000119

 000000

 A216CA

 A216CA

 9E02CA

 A62ACA

 9D00CA

 AB3ECA

 AF53CA

 B467CA

 B87BCA

 BD8FCA

 C1A3CA

 C6B8CA

 CACCCA

Harmonies

Analogous

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



005BFB



A216CA



DB0080

Triad

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



A216CA



8E5700



008199

Complementary

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



A216CA



3ECA16

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.



007E46



A216CA



446F00

Square

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



A216CA



C41E00



007A00



0080DE

Rectangle

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



A216CA



E4004D



007A00



00807E

Sweetspot

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



A216CA



F0BAFF



1640CA



765780



000000



808080

Same Dimension

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



A216CA



C600FF



CA169A



645C66



8100A6



1E0026

Inverse Universe

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



CA163E



FF0039



16CA46



665C5E



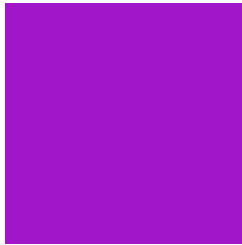
A60025



260009

Previews

White Background



This preview shows how the Hex color A216CA looks on a white background.

Color Contrast Check

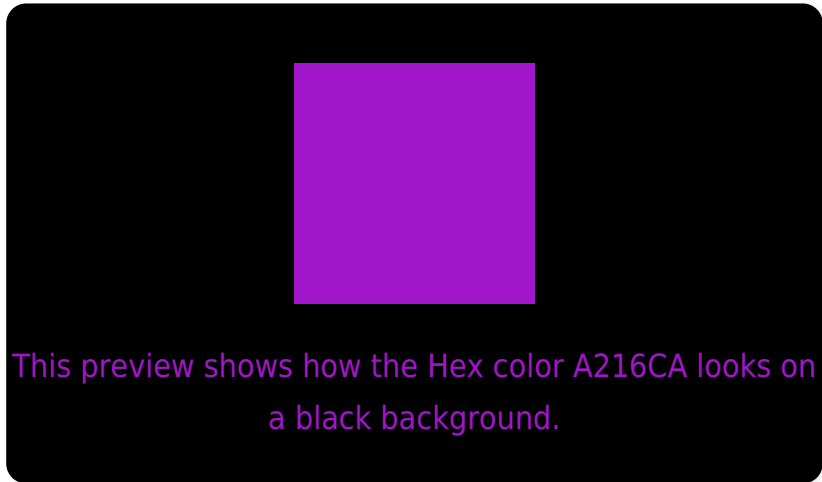
Large Text (above 18pt) WCAG AA ✓ Pass

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

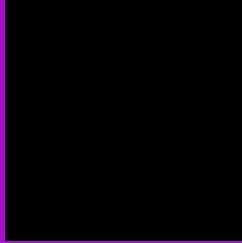
Any Text WCAG AA × Fail

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 A216CA Background



This preview shows how black text looks on a background with the Hex color A216CA.



This preview shows how white text looks on a background with the Hex color A216CA.

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](#).

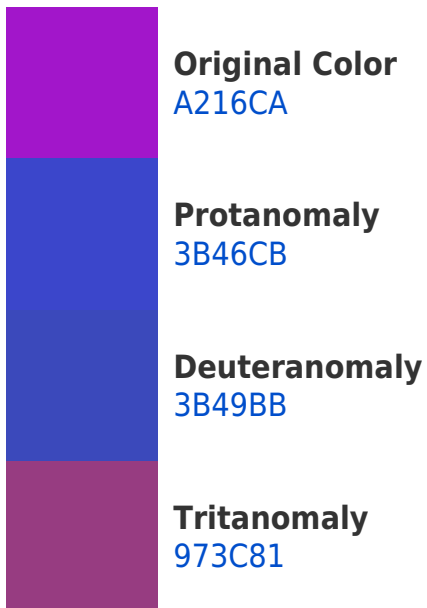
Dichromacy



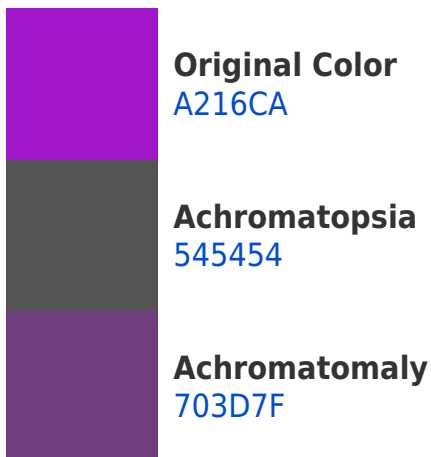


Tritanopia
915157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A216CA 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 #A216CA looks like.

```
.text, #text, p{  
    color:#A216CA  
}
```

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 #A216CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A216CA
}
```

Border

The CSS property to change the border of an element to Hex A216CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

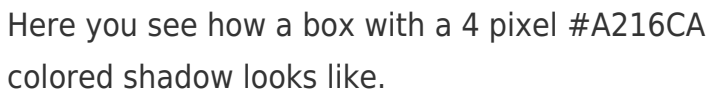
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A216CA }
```

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

```
.border{ border-color:#A216CA }
```

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



Here you see how a box with a 4 pixel #A216CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A216CA; -webkit-box-shadow:4px 4px  
4px 4px #A216CA; box-shadow:4px 4px 4px  
4px #A216CA }
```

Background

The CSS property to change the background color of an element to Hex A216CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A216CA }
```

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

```
.background{ background-color:#A216CA }
```

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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