

Converting Colors

Hex(A22CDA)

Have a look what the booklet for
Hex(A22CDA) contains.

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Color

Hex(A22CDA)

Conversions

Conversions Part 1

Format	Color
Hex	A22CDA
RGB	162, 44, 218
RGB Percent	64%, 17%, 85%
CMY	0.3647, 0.8275, 0.1451
CMYK	0.26, 0.80, 0.00, 0.15
HSL	281°, 70%, 51%
HSV	281°, 80%, 85%
XYZ	28.4559, 14.5447, 67.6373
YIQ	99.1180, 14.4740, 79.1300

Conversions

Conversions Part 2

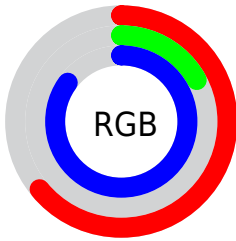
Format	Color
R _{YB}	162, 44, 218
Decimal	10628314
CIE Lab	45.00, 71.54, -65.47
CIE LCh	45, 96.975, 317.536
Yxy	14.5447, 0.2572, 0.1315
Android (android.graphics.Color)	4288818394 (0xFFA22CDA)
YUV	99.1180, 58.6088, 55.1475
Hunter-Lab	38.1375, 66.4450, -78.4552

Details

The Hex color **A22CDA** 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 **64DA2C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DD68FF**, and **6800A2** is the 20% darker color. If you saturate the color by 10%, you get **9B16DA**, and if you desaturate by 10%, it is **A942DA**.

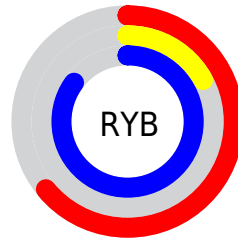
Distribution



Red (64%)

Green (17%)

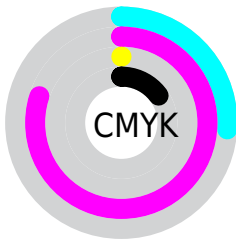
Blue (85%)



Red (64%)

Yellow (17%)

Blue (85%)

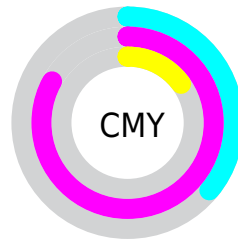


Cyan (26%)

Magenta (80%)

Yellow (0%)

Black (15%)



Cyan (36%)

Magenta (83%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A22CDA 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 A22CDA by changing the saturation by 10% instead.

 A22CDA

 A22CDA

FFFFFF

 8500BE

 DD68FF

 6800A2

 FC85FF

 4A0087

 FFA1FF

 2C006D

 FFBEFF

 020053

 FFDBFF

 00003B

 FFF9FF

 000224

 00000C

 000000

 A22CDA

 A22CDA

 9B16DA

 A942DA

 9400DA

 B058DA

 B76DDA

 BE83DA

 C599DA

 CCAFDA

 D3C5DA

 DADADA

 E1F0DA

Harmonies

Analogous

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



0066FF



A22CDA



E30090

Triad

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



A22CDA



9E5B00



00899A

Complementary

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



A22CDA



64DA2C

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.



008744



A22CDA



557500

Square

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



A22CDA



D21D00



008200



0088E3

Rectangle

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



A22CDA



EF005B



008200



00887E

Sweetspot

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



A22CDA



EBC2FF



2C66DA



745B80



000000



808080

Same Dimension

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



A22CDA



B00AFF



DA2CBD



6A636E



7600AD



1F002E

Inverse Universe

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



DA2C64



FF0A59



2CDA49



6E6366



AD0038



2E000F

Previews

White Background



This preview shows how the Hex color A22CDA looks on a white background.

Color Contrast Check

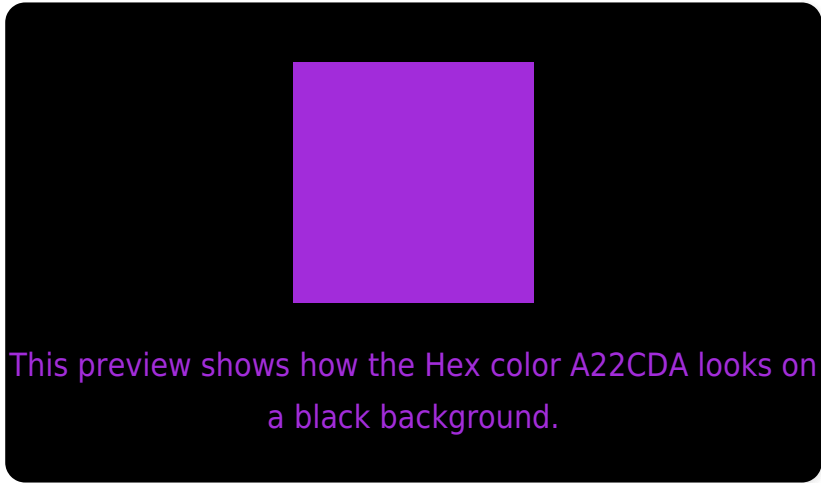
Large Text (above 18pt) WCAG AA ✓ Pass

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

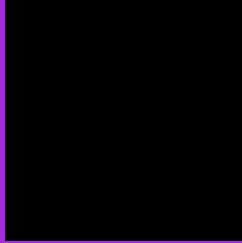
Any Text WCAG AA × Fail

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 A22CDA Background



This preview shows how black text looks on a background with the Hex color A22CDA.

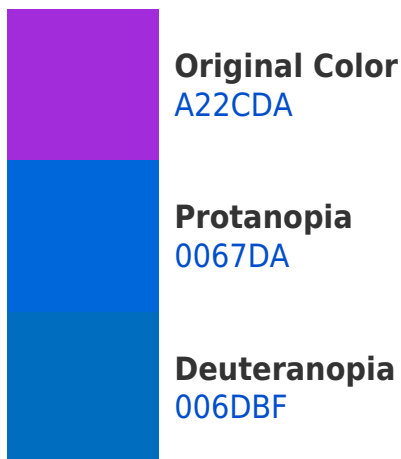


This preview shows how white text looks on a background with the Hex color A22CDA.

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
8F5D64

Trichromacy



Original Color
A22CDA



Protanomaly
3B52DA



Deuteranomaly
3B55C9



Tritanomaly
964B8F

Monochromacy



Original Color
A22CDA



Achromatopsia
636363



Achromatomaly
7A4F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex A22CDA 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 #A22CDA looks like.

```
.text, #text, p{  
    color:#A22CDA  
}
```

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 #A22CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A22CDA
}
```

Border

The CSS property to change the border of an element to Hex A22CDA 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".

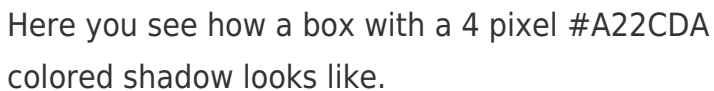
```
.border, #border, table{ border:4px solid
#A22CDA }
```

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

```
.border{ border-color:#A22CDA }
```

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

Here you see how a box with a 4 pixel #A22CDA 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 and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A22CDA; -webkit-box-shadow:4px 4px  
4px 4px #A22CDA; box-shadow:4px 4px 4px  
4px #A22CDA }
```

Background

The CSS property to change the background color of an element to Hex A22CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A22CDA }
```

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

```
.background{ background-color:#A22CDA }
```

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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