

Converting Colors

Hex(A82DDD)

Have a look what the booklet for
Hex(A82DDD) contains.

Hex(A82DDD)	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(A82DDD)

Conversions

Conversions Part 1

Format	Color
Hex	A82DDD
RGB	168, 45, 221
RGB Percent	66%, 18%, 87%
CMY	0.3412, 0.8235, 0.1333
CMYK	0.24, 0.80, 0.00, 0.13
HSL	282°, 72%, 52%
HSV	282°, 80%, 87%
XYZ	30.1380, 15.4221, 69.7949
YIQ	101.8410, 16.8120, 80.8120

Conversions

Conversions Part 2

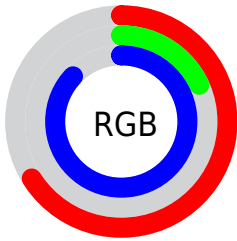
Format	Color
R_{YB}	168, 45, 221
Decimal	11021789
CIE _{Lab}	46.21, 72.82, -65.19
CIE _{LCh}	46, 97.738, 318.164
Yxy	15.4221, 0.2613, 0.1337
Android (android.graphics.Color)	4289211869 (0xFFA82DDD)
YUV	101.8410, 58.7454, 58.0214
Hunter-Lab	39.2709, 68.2634, -77.8845

Details

The Hex color **A82DDD** 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 **62DD2D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E46AFF**, and **6E00A5** is the 20% darker color. If you saturate the color by 10%, you get **A117DD**, and if you desaturate by 10%, it is **AF43DD**.

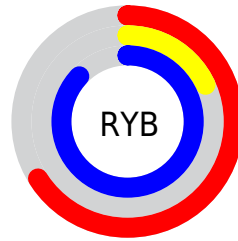
Distribution



Red (66%)

Green (18%)

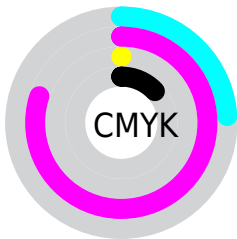
Blue (87%)



Red (66%)

Yellow (18%)

Blue (87%)

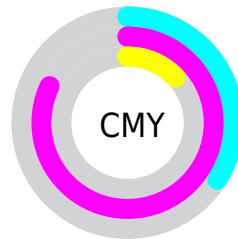


Cyan (24%)

Magenta (80%)

Yellow (0%)

Black (13%)



Cyan (34%)

Magenta (82%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A82DDD 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 A82DDD by changing the saturation by 10% instead.

 A82DDD

 A82DDD

FFFFFF

 8B00C1

 E46AFF

 6E00A5

 FF86FF

 51008A

 FFA3FF

 32006F


 FFC0FF

 100056

 FFDDFF

 00003E

 FFFBFF

 000327

 000110

 000000

 A82DDD

 A82DDD

 A117DD

 AF43DD

 9B01DD

 B559DD

 9A00DD

 BC6FDD

 C385DD

 C99BDD

 D0B2DD

 D7C8DD

 DDDEDD

 E4F4DD

Harmonies

Analogous

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



0068FF



A82DDD



E80092

Triad

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



A82DDD



A05E00



008D9F

Complementary

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



A82DDD



62DD2D

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.



008A49



A82DDD



567900

Square

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



A82DDD



D62300



008500



008CE9

Rectangle

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



A82DDD



F4005C



008500



008C83

Sweetspot

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



A82DDD



EDC2FF



2D65DD



745B80



000000



808080

Same Dimension

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



A82DDD



B50AFF



DD2DBD



6A636E



7900AD



20002E

Inverse Universe

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



DD2D62



FF0A54



2DDD4D



6E6366



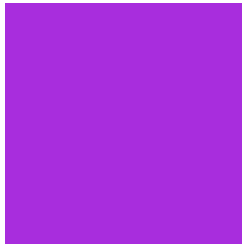
AD0034



2E000E

Previews

White Background



This preview shows how the Hex color A82DDD 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

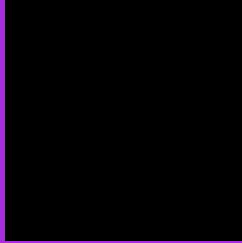
Any Text WCAG AA × Fail

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 A82DDD Background



This preview shows how black text looks on a background with the Hex color A82DDD.

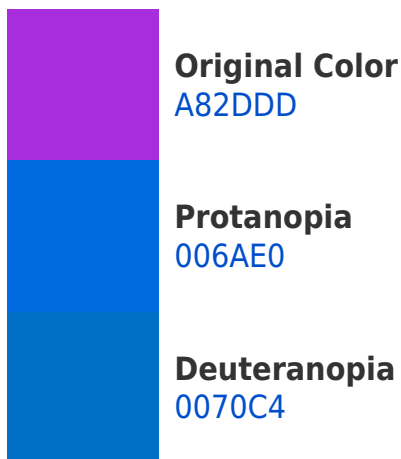


This preview shows how white text looks on a background with the Hex color A82DDD.

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
955E65

Trichromacy



Original Color
A82DDD



Protanomaly
3D54DF



Deuteranomaly
3D58CD



Tritanomaly
9C4C91

Monochromacy



Original Color
A82DDD



Achromatopsia
666666



Achromatomaly
7E5191

CSS Examples

Text

The CSS property to change the color of the text to Hex A82DDD 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 #A82DDD looks like.

```
.text, #text, p{  
    color:#A82DDD  
}
```

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 #A82DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A82DDD
}
```

Border

The CSS property to change the border of an element to Hex A82DDD 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
#A82DDD }
```

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

```
.border{ border-color:#A82DDD }
```

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

Here you see how a box with a 4 pixel #A82DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A82DDD; -webkit-box-shadow:4px 4px  
4px 4px #A82DDD; box-shadow:4px 4px 4px  
4px #A82DDD }
```

Background

The CSS property to change the background color of an element to Hex A82DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A82DDD }
```

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

```
.background{ background-color:#A82DDD }
```

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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