

Converting Colors

Hex(AA85D9)

Have a look what the booklet for
Hex(AA85D9) contains.

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Color

Hex(AA85D9)

Conversions

Conversions Part 1

Format	Color
Hex	AA85D9
RGB	170, 133, 217
RGB Percent	67%, 52%, 85%
CMY	0.3333, 0.4784, 0.1490
CMYK	0.22, 0.39, 0.00, 0.15
HSL	266°, 52%, 69%
HSV	266°, 39%, 85%
XYZ	37.4895, 30.3309, 69.5242
YIQ	153.6390, -4.9120, 33.9680

Conversions

Conversions Part 2

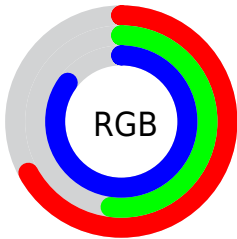
Format	Color
RYB	170, 133, 217
Decimal	11175385
CIELab	61.94, 30.74, -37.84
CIELCh	62, 48.758, 309.088
Yxy	30.3309, 0.2730, 0.2208
Android (android.graphics.Color)	4289365465 (0xFFAA85D9)
YUV	153.6390, 31.2370, 14.3486
Hunter-Lab	55.0735, 25.1296, -36.2957

Details

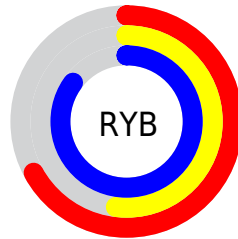
The Hex color **AA85D9** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4D985**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E3BBFF**, and **7453A2** is the 20% darker color. If you saturate the color by 10%, you get **9E6FD9**, and if you desaturate by 10%, it is **B69BD9**.

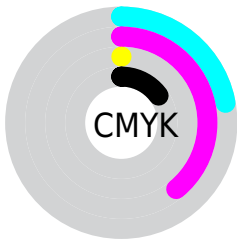
Distribution



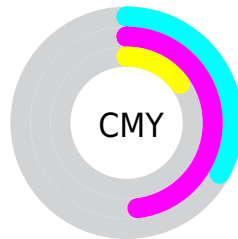
- Red (67%)
- Green (52%)
- Blue (85%)



- Red (67%)
- Yellow (52%)
- Blue (85%)



- Cyan (22%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA85D9 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 AA85D9 by changing the saturation by 10% instead.

■ AA85D9

■ AA85D9

FFFFFF

■ 8F6BBE

■ E3BBFF

■ 7453A2

■ FFD6FF

■ 5A3B87

■ FFF3FF

■ 41246D

■ 270E55

■ 11003D

■ 000326

■ 00010F

■ 000000

AA85D9

AA85D9

9E6FD9

B69BD9

925AD9

C2B0D9

8644D9

CEC6D9

792ED9

DBDCD9

6D19D9

E7F2D9

6103D9

F3FFD9

6000D9

FFFFD9

Harmonies

Analogous

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



6296EB



AA85D9



D576B5

Triad

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



AA85D9



C78844



00ABA2

Complementary

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



AA85D9



B4D985

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.



2FA975



AA85D9



A2983C

Square

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



AA85D9



E07961



74A350



00A9CB

Rectangle

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



AA85D9



E37099



74A350



00AB93

Sweetspot

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



AA85D9



EEE0FF



85B5D9



766E80



000000



808080

Same Dimension

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



AA85D9



BD8AFF



D385D9



68636E



4C00AD



14002E

Inverse Universe

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



D985B4



FF8ACB



8BD985



6E6369



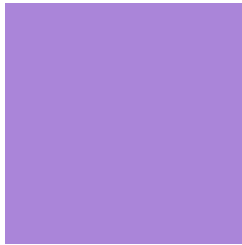
AD0061



2E001A

Previews

White Background



This preview shows how the Hex color AA85D9 looks on a white background.

Color Contrast Check

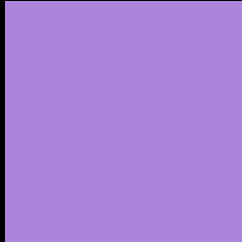
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AA85D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

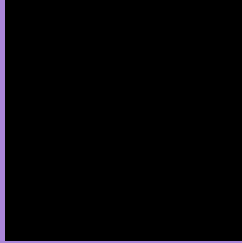
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex AA85D9 Background



This preview shows how black text looks on a background with the Hex color AA85D9.

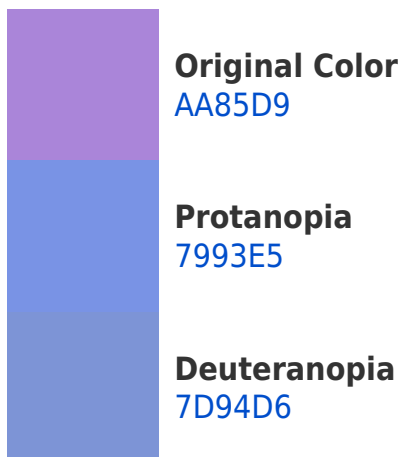


This preview shows how white text looks on a background with the Hex color AA85D9.

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](#).

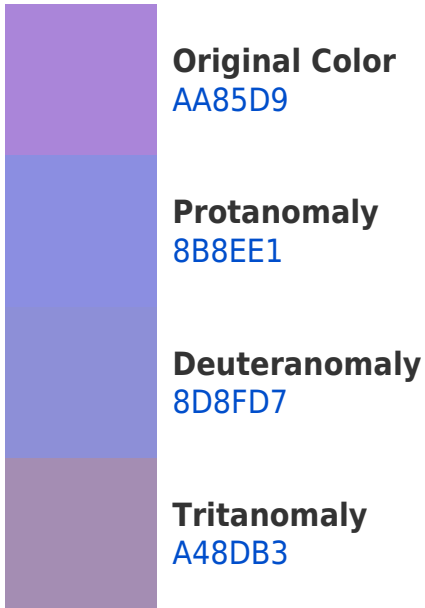
Dichromacy



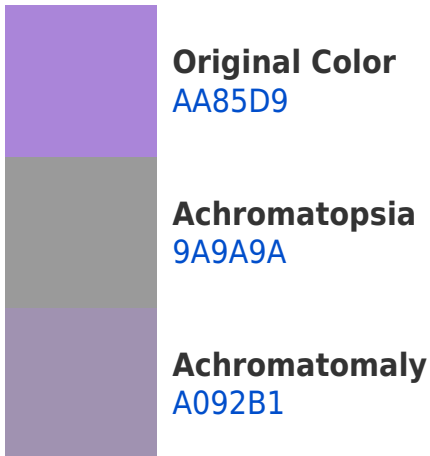


Tritanopia
A0929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA85D9 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 #AA85D9 looks like.

```
.text, #text, p{  
    color:#AA85D9  
}
```

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 #AA85D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA85D9
}
```

Border

The CSS property to change the border of an element to Hex AA85D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

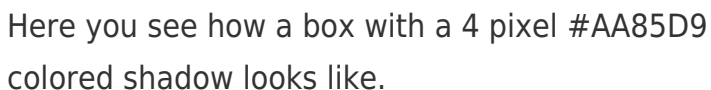
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA85D9 }
```

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

```
.border{ border-color:#AA85D9 }
```

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



Here you see how a box with a 4 pixel #AA85D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA85D9; -webkit-box-shadow:4px 4px  
4px 4px #AA85D9; box-shadow:4px 4px 4px  
4px #AA85D9 }
```

Background

The CSS property to change the background color of an element to Hex AA85D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA85D9 }
```

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

```
.background{ background-color:#AA85D9 }
```

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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