

Converting Colors

Hex(A86DA8)

Have a look what the booklet for
Hex(A86DA8) contains.

Hex(A86DA8)	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(A86DA8)

Conversions

Conversions Part 1

Format	Color
Hex	A86DA8
RGB	168, 109, 168
RGB Percent	66%, 43%, 66%
CMY	0.3412, 0.5725, 0.3412
CMYK	0.00, 0.35, 0.00, 0.34
HSL	300°, 25%, 54%
HSV	300°, 35%, 66%
XYZ	28.6850, 22.0893, 39.7976
YIQ	133.3670, 16.2250, 30.8570

Conversions

Conversions Part 2

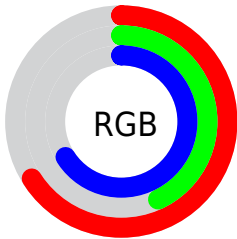
Format	Color
R_{YB}	168, 109, 168
Decimal	11038120
CIE _{Lab}	54.12, 33.14, -22.10
CIE _{LCh}	54, 39.828, 326.300
Yxy	22.0893, 0.3167, 0.2439
Android (android.graphics.Color)	4289228200 (0xFFA86DA8)
YUV	133.3670, 17.0741, 30.3731
Hunter-Lab	46.9992, 26.6951, -17.3056

Details

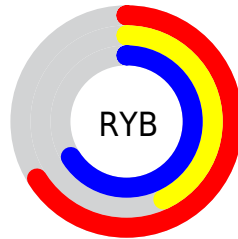
The Hex color **A86DA8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6DA86D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **E0A2DF**, and **733C74** is the 20% darker color. If you saturate the color by 10%, you get **A85CA8**, and if you desaturate by 10%, it is **A87EA8**.

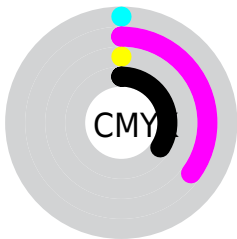
Distribution



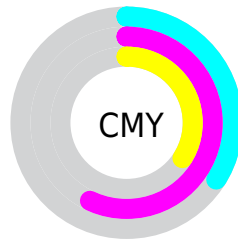
- Red (66%)
- Green (43%)
- Blue (66%)



- Red (66%)
- Yellow (43%)
- Blue (66%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color A86DA8 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 A86DA8 by changing the saturation by 10% instead.

 A86DA8

 A86DA8

FFFFFF

 8D548D

 E0A2DF

 733C74

 FDBDFC

 59245B

 FFD9FF

 410B43

 FFF6FF

 2A002D

 070018

 000000

 A86DA8

 A86DA8

 A85CA8

 A87EA8

 A84BA8

 A88FA8

 A83BA8

 A89FA8

 A82AA8

 A8B0A8

 A819A8

 A8C1A8

 A808A8

 A8D2A8

 A800A8

 A8E3A8

 A8F3A8

 A8FFA8

Harmonies

Analogous

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



7D7ABF



A86DA8



BF6587

Triad

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



A86DA8



9A7E3B



00939F

Complementary

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



A86DA8



6DA86D

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.



00937C



A86DA8



788841

Square

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



A86DA8



B47249



4E8F5A



008FBA

Rectangle

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



A86DA8



C36570



4E8F5A



009394

Sweetspot

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



A86DA8



DBC3DB



6D6DA8



6E5F6E



EDEDED



6E6E6E

Same Dimension

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



A86DA8



DB7FDB



A86D8A



544C54



940094



140014

Inverse Universe

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



A86DA8



DB7FDB



6DA88A



544C54



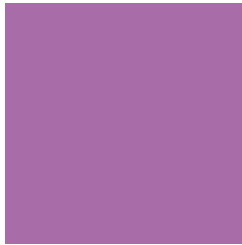
940094



140014

Previews

White Background



This preview shows how the Hex color A86DA8 looks on a white background.

Color Contrast Check

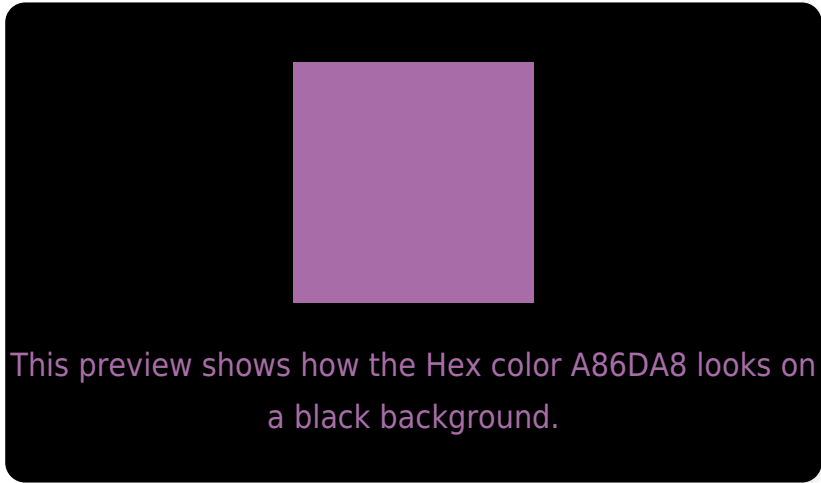
Large Text (above 18pt) WCAG AA ✓ Pass

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

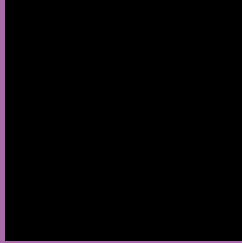
Any Text WCAG AA ✓ Pass

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 A86DA8 Background



This preview shows how black text looks on a background with the Hex color A86DA8.

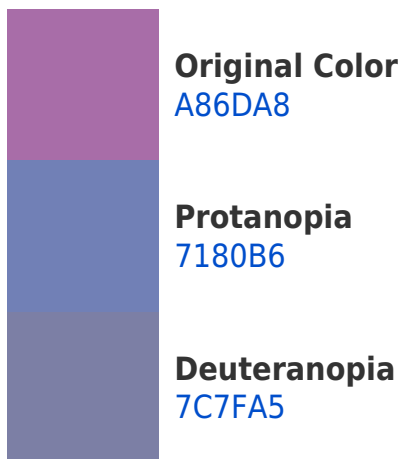


This preview shows how white text looks on a background with the Hex color A86DA8.

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
A3757E

Trichromacy



Original Color
A86DA8



Protanomaly
8579B1



Deuteranomaly
8C78A6



Tritanomaly
A5728D

Monochromacy



Original Color
A86DA8



Achromatopsia
858585



Achromatomaly
927C92

CSS Examples

Text

The CSS property to change the color of the text to Hex A86DA8 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 #A86DA8 looks like.

```
.text, #text, p{  
    color:#A86DA8  
}
```

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 #A86DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A86DA8  
}
```

Border

The CSS property to change the border of an element to Hex A86DA8 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  
#A86DA8 }
```

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

```
.border{ border-color:#A86DA8 }
```

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

Here you see how a box with a 4 pixel #A86DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A86DA8; -webkit-box-shadow:4px 4px  
4px 4px #A86DA8; box-shadow:4px 4px 4px  
4px #A86DA8 }
```

Background

The CSS property to change the background color of an element to Hex A86DA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A86DA8 }
```

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

```
.background{ background-color:#A86DA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor