

Converting Colors

Hex(AE0B85)

Have a look what the booklet for
Hex(AE0B85) contains.

Hex(AE0B85)	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(AE0B85)

Conversions

Conversions Part 1

Format	Color
Hex	AE0B85
RGB	174, 11, 133
RGB Percent	68%, 4%, 52%
CMY	0.3176, 0.9569, 0.4784
CMYK	0.00, 0.94, 0.24, 0.32
HSL	315°, 88%, 36%
HSV	315°, 94%, 68%
XYZ	21.8089, 10.9315, 23.1508
YIQ	73.6450, 57.9860, 72.4980

Conversions

Conversions Part 2

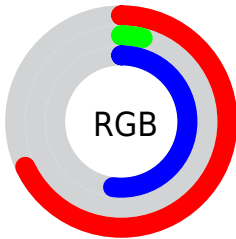
Format	Color
RYB	174, 11, 133
Decimal	11406213
CIELab	39.46, 67.03, -23.74
CIElCh	39, 71.111, 340.496
Yxy	10.9315, 0.3902, 0.1956
Android (android.graphics.Color)	4289596293 (0xFFAE0B85)
YUV	73.6450, 29.2620, 88.0113
Hunter-Lab	33.0628, 59.8823, -18.3714

Details

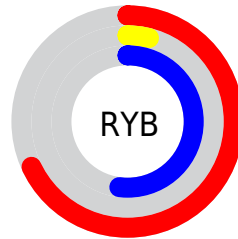
The Hex color **AE0B85** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **0BAE34**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E956BA**, and **750053** is the 20% darker color. If you saturate the color by 10%, you get **AE0082**, and if you desaturate by 10%, it is **AE1C89**.

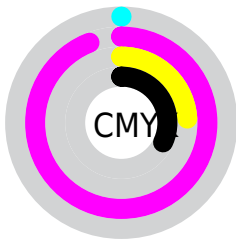
Distribution



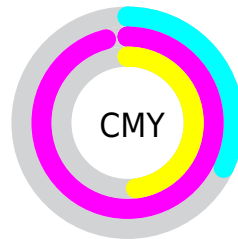
- Red (68%)
- Green (4%)
- Blue (52%)



- Red (68%)
- Yellow (4%)
- Blue (52%)



- Cyan (0%)
- Magenta (94%)
- Yellow (24%)
- Black (32%)



- Cyan (32%)
- Magenta (96%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Hex color AE0B85 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 AE0B85 by changing the saturation by 10% instead.

 AE0B85

 AE0B85

FFFFFF

 91006C

 E956BA

 750053

 FF73D6

 59003C

 FF8FF3

 3F0026

 FFACFF

 21000E

 FFC9FF

 000000

 FFE7FF

 AE0B85

 AE0B85

 AE0082

 AE1C89

 AE2E8E

 AE3F92

 AE5197

 AE629B

 AE739F

 AE85A4

 AE96A8

 AEA8AC

Harmonies

Analogous

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



7441B6



AE0B85



BF004C

Triad

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



AE0B85



606100



0074A8

Complementary

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



AE0B85



0BAE34

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.



007571



AE0B85



0D6D00

Square

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



AE0B85



904C00



007233



006ECC

Rectangle

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



AE0B85



B91326



007233



007597

Sweetspot

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



AE0B85



E3A3D3



340BAE



734C69



F2F2F2



737373

Same Dimension

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



AE0B85



E300AA



AE0B34



574E55



960071



170011

Inverse Universe

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



AE0B85



E300AA



0BAE85



574E55



960071



170011

Previews

White Background



This preview shows how the Hex color AE0B85 looks on a white background.

Color Contrast Check

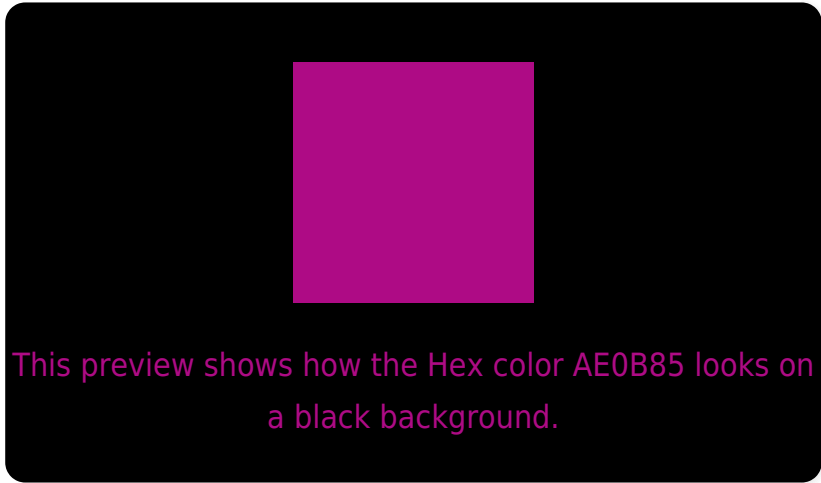
Large Text (above 18pt) WCAG AA ✓ Pass

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

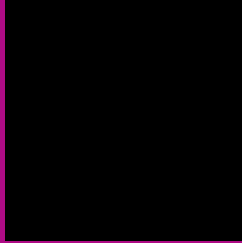
Any Text WCAG AA × Fail

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 AE0B85 Background



This preview shows how black text looks on a background with the Hex color AE0B85.




This preview shows how white text looks on a background with the Hex color AE0B85.

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
A83538

Trichromacy



Original Color
AE0B85



Protanomaly
543FA8



Deuteranomaly
773F80



Tritanomaly
AA2654

Monochromacy



Original Color
AE0B85



Achromatopsia
4A4A4A



Achromatomaly
6E335F

CSS Examples

Text

The CSS property to change the color of the text to Hex AE0B85 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 #AE0B85 looks like.

```
.text, #text, p{  
    color:#AE0B85  
}
```

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 #AE0B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0B85
}
```

Border

The CSS property to change the border of an element to Hex AE0B85 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
#AE0B85 }
```

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

```
.border{ border-color:#AE0B85 }
```

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

Here you see how a box with a 4 pixel #AE0B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0B85; -webkit-box-shadow:4px 4px  
4px 4px #AE0B85; box-shadow:4px 4px 4px  
4px #AE0B85 }
```

Background

The CSS property to change the background color of an element to Hex AE0B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0B85 }
```

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

```
.background{ background-color:#AE0B85 }
```

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