

Converting Colors

Hex(AE0081)

Have a look what the booklet for
Hex(AE0081) contains.

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Color

Hex(AE0081)

Conversions

Conversions Part 1

Format	Color
Hex	AE0081
RGB	174, 0, 129
RGB Percent	68%, 0%, 51%
CMY	0.3176, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.26, 0.32
HSL	316°, 100%, 34%
HSV	316°, 100%, 68%
XYZ	21.4180, 10.5836, 21.6829
YIQ	66.7320, 62.2950, 77.0070

Conversions

Conversions Part 2

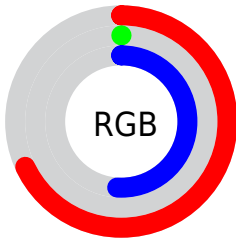
Format	Color
RYB	174, 0, 129
Decimal	11403393
CIELab	38.87, 67.75, -22.19
CIElCh	39, 71.295, 341.867
Yxy	10.5836, 0.3990, 0.1971
Android (android.graphics.Color)	4289593473 (0xFFAE0081)
YUV	66.7320, 30.6981, 94.0740
Hunter-Lab	32.5325, 60.5848, -16.7439

Details

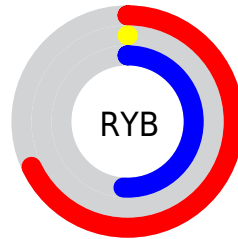
The Hex color **AE0081** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **00AE2D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **E952B6**, and **74004F** is the 20% darker color. If you saturate the color by 10%, you get **AE0081**, and if you desaturate by 10%, it is **AE1185**.

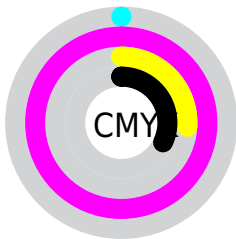
Distribution



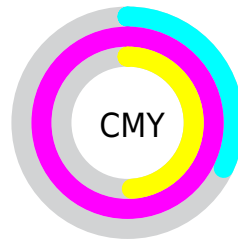
- Red (68%)
- Green (0%)
- Blue (51%)



- Red (68%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE0081 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 AE0081 by changing the saturation by 10% instead.

 AE0081

 AE0081

FFFFFF

 910068

 E952B6

 74004F

 FF70D2

 580038

 FF8DEE

 3F0023

 FFA9FF

 200008

 FFC7FF

 000000

 FFE4FF

 AE0081

 AE1185

 AE238A

 AE348E

 AE4693

 AE5798

 AE689C

 AE7AA1

 AE8BA5

 AE9DAA

Harmonies

Analogous

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



773EB3



AE0081



BD0048

Triad

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



AE0081



5C6000



0072A9

Complementary

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



AE0081



00AE2D

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.



007372



AE0081



006C00

Square

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



AE0081



8C4B00



007135



006CCB

Rectangle

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



AE0081



B71322



007135



007398

Sweetspot

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



AE0081



E39FD1



2C00AE



734968



F2F2F2



737373

Same Dimension

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



AE0081



E300A8



AE002C



574E54



960070



170011

Inverse Universe

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



AE0081



E300A8



00AE83



574E54



960070



170011

Previews

White Background



This preview shows how the Hex color AE0081 looks on a white background.

Color Contrast Check

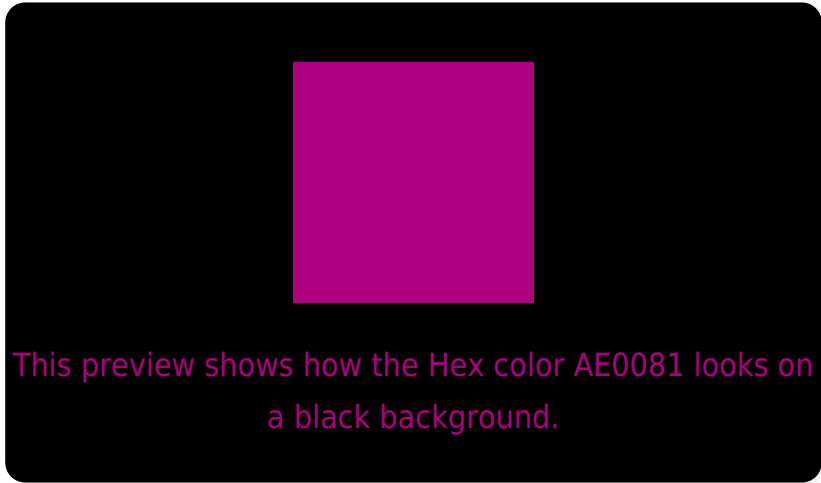
Large Text (above 18pt) WCAG AA ✓ Pass

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

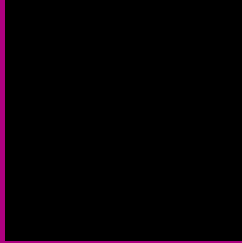
Any Text WCAG AA × Fail

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 AE0081 Background



This preview shows how black text looks on a background with the Hex color AE0081.




This preview shows how white text looks on a background with the Hex color AE0081.

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
A83335

Trichromacy



Original Color
AE0081



Protanomaly
583AA3



Deuteranomaly
783B7C

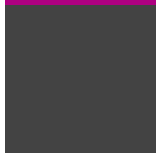


Tritanomaly
AA2051

Monochromacy



Original Color
AE0081



Achromatopsia
434343



Achromatomaly
6A2B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex AE0081 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 #AE0081 looks like.

```
.text, #text, p{  
    color:#AE0081  
}
```

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 #AE0081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0081
}
```

Border

The CSS property to change the border of an element to Hex AE0081 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".

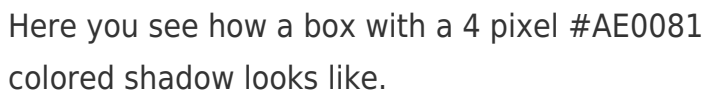
```
.border, #border, table{ border:4px solid
#AE0081 }
```

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

```
.border{ border-color:#AE0081 }
```

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

Here you see how a box with a 4 pixel #AE0081 colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0081; -webkit-box-shadow:4px 4px  
4px 4px #AE0081; box-shadow:4px 4px 4px  
4px #AE0081 }
```

Background

The CSS property to change the background color of an element to Hex AE0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0081 }
```

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

```
.background{ background-color:#AE0081 }
```

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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