

Converting Colors

Hex(AE004E)

Have a look what the booklet for
Hex(AE004E) contains.

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Color

Hex(AE004E)

Conversions

Conversions Part 1

Format	Color
Hex	AE004E
RGB	174, 0, 78
RGB Percent	68%, 0%, 31%
CMY	0.3176, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.55, 0.32
HSL	333°, 100%, 34%
HSV	333°, 100%, 68%
XYZ	18.8307, 9.5487, 8.0583
YIQ	60.9180, 78.6660, 61.1460

Conversions

Conversions Part 2

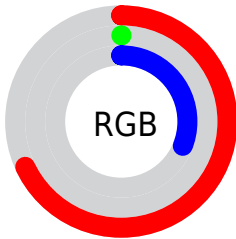
Format	Color
RYB	174, 0, 78
Decimal	11403342
CIELab	37.02, 62.95, 7.44
CIELCh	37, 63.387, 6.744
Yxy	9.5487, 0.5168, 0.2621
Android (android.graphics.Color)	4289593422 (0xFFAE004E)
YUV	60.9180, 8.4214, 99.1729
Hunter-Lab	30.9010, 54.6989, 6.1691

Details

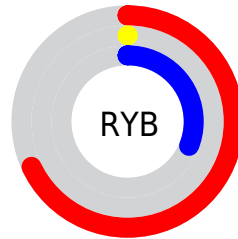
The Hex color **AE004E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **00AE60**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **EB507F**, and **720022** is the 20% darker color. If you saturate the color by 10%, you get **AE004E**, and if you desaturate by 10%, it is **AE1158**.

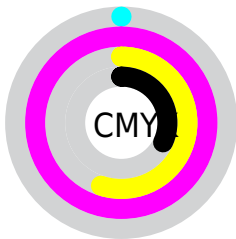
Distribution



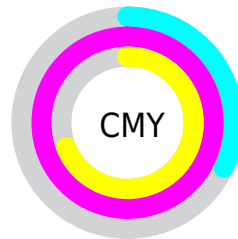
- Red (68%)
- Green (0%)
- Blue (31%)



- Red (68%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE004E 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 AE004E by changing the saturation by 10% instead.

 AE004E

 AE004E

FFFFFF

 900037

 EB507F

 720022

 FF6D98

 55000C

 FF89B3

 390002

 FFA6CF

 110000

 FFC3EB

 000000

 FFE0FF

FFFEFF

 AE004E

 AE1158

 AE2361

 AE346B

 AE4674

 AE577E

 AE6888

 AE7A91

 AE8B9B

 AE9DA4

Harmonies

Analogous

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



9B2080



AE004E



A6261C

Triad

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



AE004E



266400



0067B6

Complementary

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



AE004E



00AE60

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.



006C94



AE004E



006A2C

Square

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



AE004E



615900



006C62



005ABE

Rectangle

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



AE004E



953C00



006C62



0069AD

Sweetspot

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



AE004E



E39FBD



6000AE



73495C



F2F2F2



737373

Same Dimension

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



AE004E



E30066



AE0900



574E52



960043



17000A

Inverse Universe

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



AE004E



E30066



00A5AE



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color AE004E looks on a white background.

Color Contrast Check

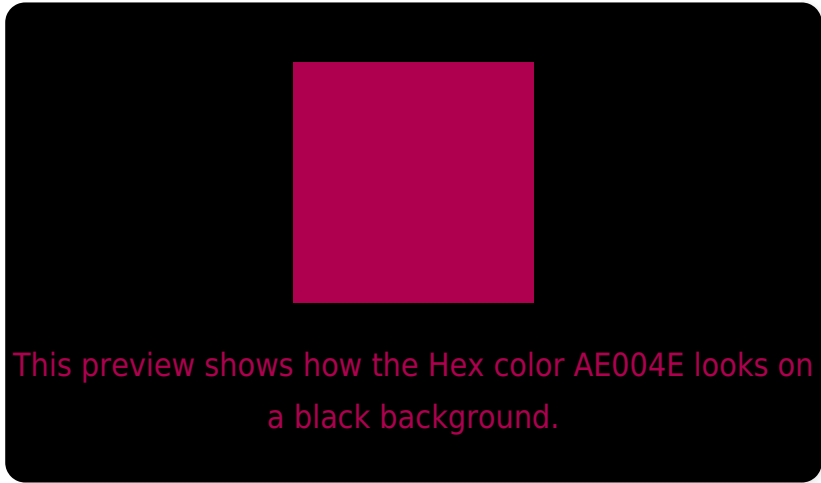
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex AE004E Background



This preview shows how black text looks on a background with the Hex color AE004E.



This preview shows how white text looks on a background with the Hex color AE004E.

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



Trichromacy



Original Color
AE004E



Protanomaly
753964



Deuteranomaly
82374A



Tritanomaly
AD142F

Monochromacy



Original Color
AE004E



Achromatopsia
3D3D3D



Achromatomaly
662743

CSS Examples

Text

The CSS property to change the color of the text to Hex AE004E 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 #AE004E looks like.

```
.text, #text, p{  
    color:#AE004E  
}
```

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 #AE004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE004E
}
```

Border

The CSS property to change the border of an element to Hex AE004E 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
#AE004E }
```

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

```
.border{ border-color:#AE004E }
```

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

Here you see how a box with a 4 pixel #AE004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE004E; -webkit-box-shadow:4px 4px  
4px 4px #AE004E; box-shadow:4px 4px 4px  
4px #AE004E }
```

Background

The CSS property to change the background color of an element to Hex AE004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE004E }
```

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

```
.background{ background-color:#AE004E }
```

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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