

Converting Colors

Hex(AE005F)

Have a look what the booklet for
Hex(AE005F) contains.

Hex(AE005F)	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(AE005F)

Conversions

Conversions Part 1

Format	Color
Hex	AE005F
RGB	174, 0, 95
RGB Percent	68%, 0%, 37%
CMY	0.3176, 1.0000, 0.6275
CMYK	0.00, 1.00, 0.45, 0.32
HSL	327°, 100%, 34%
HSV	327°, 100%, 68%
XYZ	19.5211, 9.8249, 11.6940
YIQ	62.8560, 73.2090, 66.4330

Conversions

Conversions Part 2

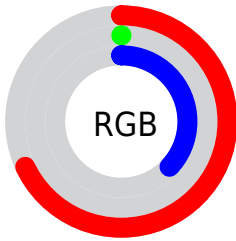
Format	Color
RYB	174, 0, 95
Decimal	11403359
CIELab	37.53, 64.29, -2.78
CIELCh	38, 64.346, 357.523
Yxy	9.8249, 0.4757, 0.2394
Android (android.graphics.Color)	4289593439 (0xFFAE005F)
YUV	62.8560, 15.8470, 97.4733
Hunter-Lab	31.3447, 56.3146, -0.1785

Details

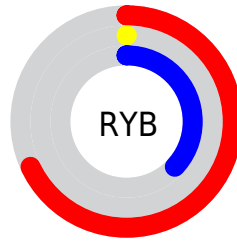
The Hex color **AE005F** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00AE4F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **EA5191**, and **730031** is the 20% darker color. If you saturate the color by 10%, you get **AE005F**, and if you desaturate by 10%, it is **AE1167**.

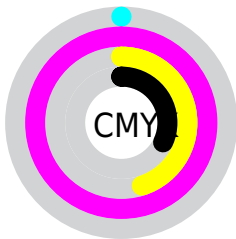
Distribution



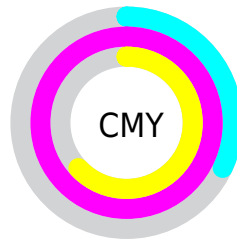
- Red (68%)
- Green (0%)
- Blue (37%)



- Red (68%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE005F 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 AE005F by changing the saturation by 10% instead.

 AE005F

 AE005F

FFFFFF

 900047

 EA5191

 730031

 FF6EAC

 56001C

 FF8AC7

 3C0003

 FFA7E3

 170000

 FFC4FF

 000000

 FFE1FF

 AE005F

 AE1167

 AE236F

 AE3477

 AE467F

 AE5787

 AE688E

 AE7A96

 AE8B9E

 AE9DA6

Harmonies

Analogous

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



902C91



AE005F



AD1A2C

Triad

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



AE005F



3D6300



006BB0

Complementary

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



AE005F



00AE4F

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.



006E87



AE005F



006A19

Square

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



AE005F



705500



006D52



0061C2

Rectangle

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



AE005F



A03305



006D52



006CA5

Sweetspot

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



AE005F



E39FC4



4E00AE



734960



F2F2F2



737373

Same Dimension

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



AE005F



E3007C



AE0009



574E53



960052



17000D

Inverse Universe

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



AE005F



E3007C



00AEA5



574E53



960052



17000D

Previews

White Background



This preview shows how the Hex color AE005F looks on a white background.

Color Contrast Check

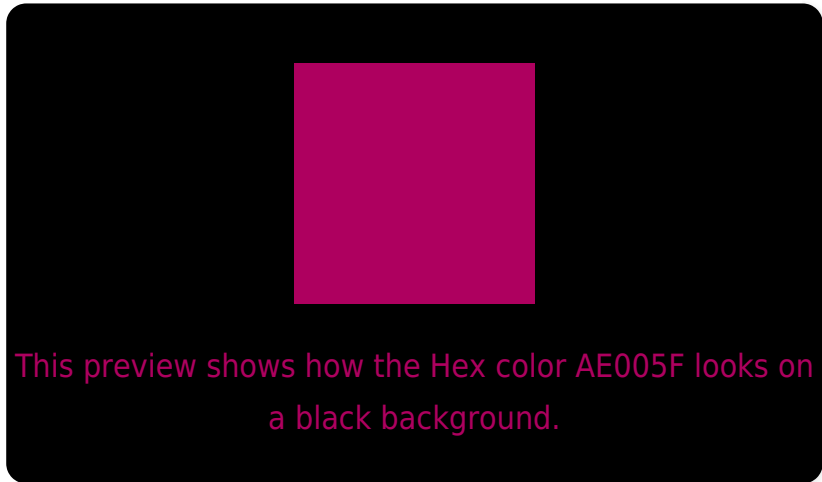
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE005F Background



This preview shows how black text looks on a background with the Hex color AE005F.

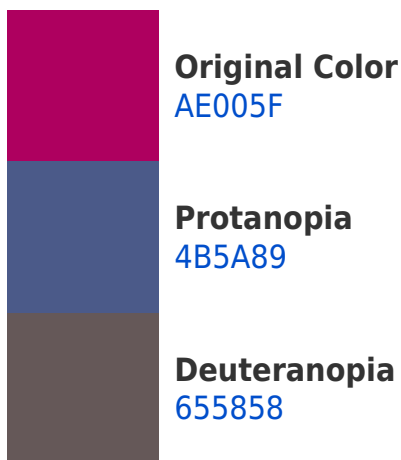


This preview shows how white text looks on a background with the Hex color AE005F.

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
AE005F



Protanomaly
6F397A



Deuteranomaly
80385B



Tritanomaly
AC183B

Monochromacy



Original Color
AE005F



Achromatopsia
3F3F3F



Achromatomaly
67284B

CSS Examples

Text

The CSS property to change the color of the text to Hex AE005F 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 #AE005F looks like.

```
.text, #text, p{  
    color:#AE005F  
}
```

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 #AE005F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE005F
}
```

Border

The CSS property to change the border of an element to Hex AE005F is called "border". The border property can be set on classes, ids or directly on the HTML element.

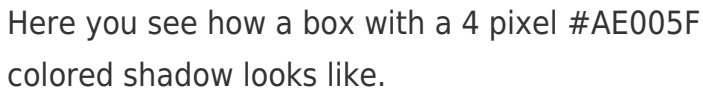
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE005F }
```

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

```
.border{ border-color:#AE005F }
```

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



Here you see how a box with a 4 pixel `#AE005F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE005F; -webkit-box-shadow:4px 4px  
4px 4px #AE005F; box-shadow:4px 4px 4px  
4px #AE005F }
```

Background

The CSS property to change the background color of an element to Hex AE005F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE005F }
```

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

```
.background{ background-color:#AE005F }
```

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