

Converting Colors

Hex(AE0016)

Have a look what the booklet for
Hex(AE0016) contains.

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Color

Hex(AE0016)

Conversions

Conversions Part 1

Format	Color
Hex	AE0016
RGB	174, 0, 22
RGB Percent	68%, 0%, 9%
CMY	0.3176, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.87, 0.32
HSL	352°, 100%, 34%
HSV	352°, 100%, 68%
XYZ	17.6004, 9.0566, 1.5795
YIQ	54.5340, 96.6420, 43.7300

Conversions

Conversions Part 2

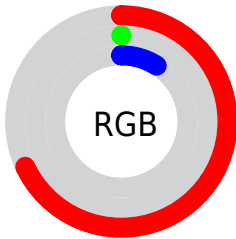
Format	Color
RYB	174, 0, 22
Decimal	11403286
CIELab	36.09, 60.45, 41.04
CIElCh	36, 73.066, 34.171
Yxy	9.0566, 0.6233, 0.3207
Android (android.graphics.Color)	4289593366 (0xFFAE0016)
YUV	54.5340, -16.0393, 104.7717
Hunter-Lab	30.0942, 51.7297, 17.9541

Details

The Hex color **AE0016** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00AE98**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **EE4E43**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AE0016**, and if you desaturate by 10%, it is **AE1125**.

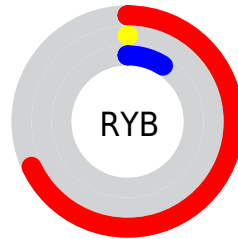
Distribution



Red (68%)

Green (0%)

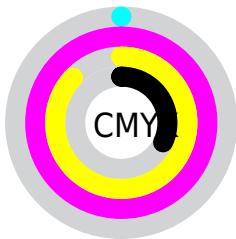
Blue (9%)



Red (68%)

Yellow (0%)

Blue (9%)

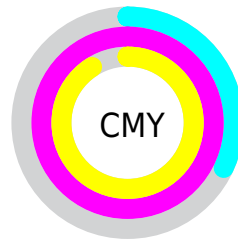


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE0016 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 AE0016 by changing the saturation by 10% instead.

 AE0016

 AE0016

FFFFFFC

 8F0000

 EE4E43

 700000

 FF6B5B

 510001

 FF8774

 350002

 FFA48D

 010000

 FFC0A8

 000000

 FFDDC3

 FFFBDF

 AE0016

 AE1125

 AE2334

 AE3444

 AE4653

 AE5762

 AE6871

 AE7A80

 AE8B90

 AE9D9F

Harmonies

Analogous

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



B60050



AE0016



8F3C00

Triad

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



AE0016



00691B



005BCC

Complementary

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



AE0016



00AE98

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.



0068C0



AE0016



006C5C

Square

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



AE0016



1D6300



006C96



5640B8

Rectangle

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



AE0016



724F00



006C96



0061CC

Sweetspot

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



AE0016



E39FA7



9700AE



73494F



F2F2F2



737373

Same Dimension

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



AE0016



E3001D



AE4000



574E4F



960013



170003

Inverse Universe

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



AE0016



E3001D



006EAE



574E4F



960013



170003

Previews

White Background



This preview shows how the Hex color AE0016 looks on a white background.

Color Contrast Check

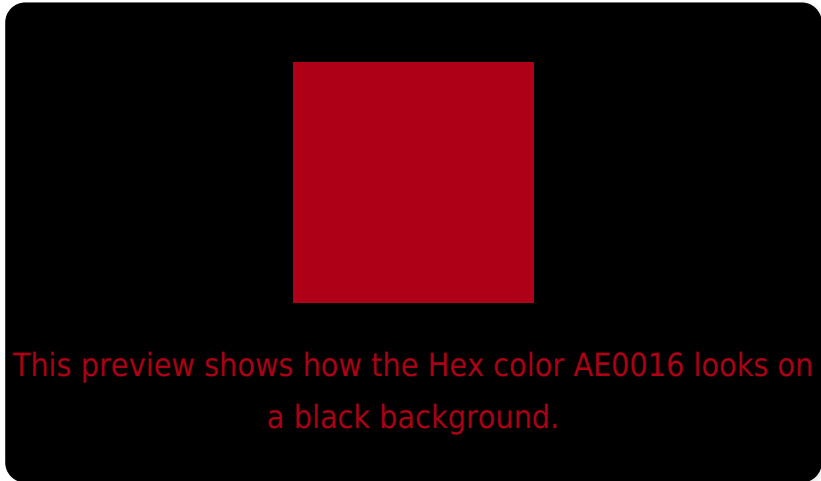
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE0016 Background



This preview shows how black text looks on a background with the Hex color AE0016.



This preview shows how white text looks on a background with the Hex color AE0016.

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



Original Color
AE0016

Protanopia
625826

Deuteranopia
6F5300

Trichromacy



Original Color
AE0016

Protanomaly
7E3820

Deuteranomaly
863508

Tritanomaly
AD0A08

Monochromacy



Original Color
AE0016

Achromatopsia
373737

Achromatomaly
62232B

CSS Examples

Text

The CSS property to change the color of the text to Hex AE0016 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 #AE0016 looks like.

```
.text, #text, p{  
    color:#AE0016  
}
```

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 #AE0016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0016
}
```

Border

The CSS property to change the border of an element to Hex AE0016 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".

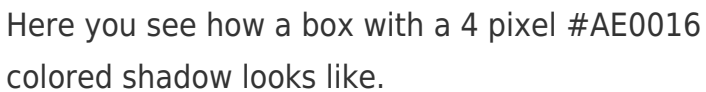
```
.border, #border, table{ border:4px solid
#AE0016 }
```

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

```
.border{ border-color:#AE0016 }
```

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

Here you see how a box with a 4 pixel #AE0016 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0016; -webkit-box-shadow:4px 4px  
4px 4px #AE0016; box-shadow:4px 4px 4px  
4px #AE0016 }
```

Background

The CSS property to change the background color of an element to Hex AE0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0016 }
```

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

```
.background{ background-color:#AE0016 }
```

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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