

Converting Colors

Hex(AE0901)

Have a look what the booklet for
Hex(AE0901) contains.

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Color

Hex(AE0901)

Conversions

Conversions Part 1

Format	Color
Hex	AE0901
RGB	174, 9, 1
RGB Percent	68%, 4%, 0%
CMY	0.3176, 0.9647, 0.9961
CMYK	0.00, 0.95, 0.99, 0.32
HSL	3°, 99%, 34%
HSV	3°, 99%, 68%
XYZ	17.5587, 9.1962, 0.8783
YIQ	57.4230, 100.9080, 32.4920

Conversions

Conversions Part 2

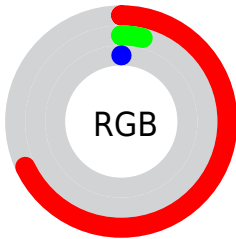
Format	Color
RYB	174, 9, 1
Decimal	11405569
CIELab	36.36, 59.08, 50.13
CIElCh	36, 77.478, 40.313
Yxy	9.1962, 0.6354, 0.3328
Android (android.graphics.Color)	4289595649 (0xFFAE0901)
YUV	57.4230, -27.8165, 102.2380
Hunter-Lab	30.3253, 50.2845, 19.5105

Details

The Hex color **AE0901** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **01A6AE**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **EE5132**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AE0800**, and if you desaturate by 10%, it is **AE1A12**.

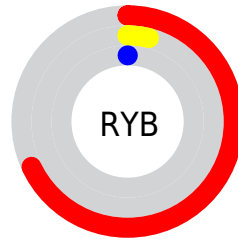
Distribution



Red (68%)

Green (4%)

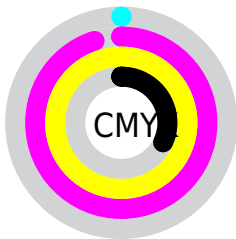
Blue (0%)



Red (68%)

Yellow (4%)

Blue (0%)

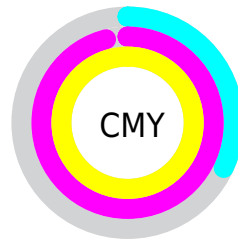


Cyan (0%)

Magenta (95%)

Yellow (99%)

Black (32%)



Cyan (32%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE0901 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 AE0901 by changing the saturation by 10% instead.

 AE0901

 AE0901

 FFFFEA

 8F0000

 EE5132

 6F0000

 FF6D4A

 510001

 FF8963

 340002

 FFA57C

 010000

 FFC297

 000000

 FFDFB2

 FFFDCE

 AE0901

 AE0901

 AE0800

 AE1A12

 AE2A24

 AE3B35

 AE4B47

 AE5C58

 AE6D69

 AE7D7B

 AE8E8C

 AE9E9E

Harmonies

Analogous

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



BD0044



AE0901



894200

Triad

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



AE0901



006B28



0058D3

Complementary

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



AE0901



01A6AE

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.



0068CD



AE0901



006D6A

Square

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



AE0901



006600



006DA6



6C36B6

Rectangle

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



AE0901



695400



006DA6



005FD5

Sweetspot

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



AE0901



E3A29F



AE01A8



734B49



F2F2F2



737373

Same Dimension

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



AE0901



E30A00



AE5D01



574E4E



960700



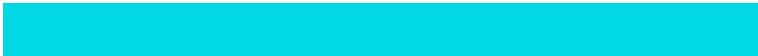
170100

Inverse Universe

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



01A6AE



00D8E3



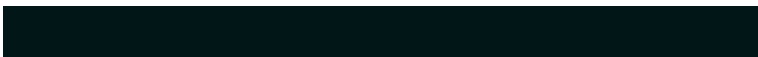
0152AE



4E5657



008F96



001617

Previews

White Background



This preview shows how the Hex color AE0901 looks on a white background.

Color Contrast Check

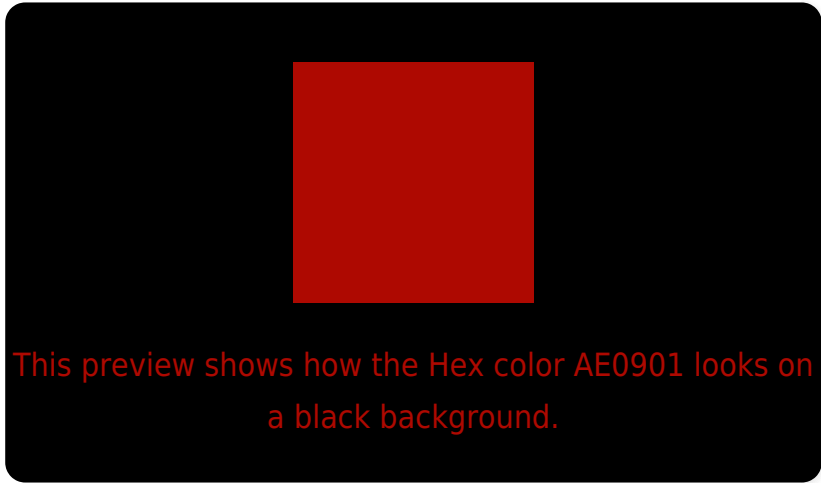
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE0901 Background



This preview shows how black text looks on a background with the Hex color AE0901.



This preview shows how white text looks on a background with the Hex color AE0901.

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

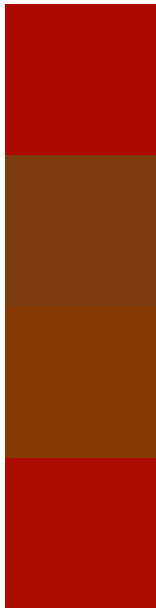


Original Color
AE0901

Protanopia
635816

Deuteranopia
6F5400

Trichromacy



Original Color
AE0901

Protanomaly
7E3B0E

Deuteranomaly
863900

Tritanomaly
AD0D00

Monochromacy



Original Color
AE0901

Achromatopsia
393939

Achromatomaly
642825

CSS Examples

Text

The CSS property to change the color of the text to Hex AE0901 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 #AE0901 looks like.

```
.text, #text, p{  
    color:#AE0901  
}
```

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 #AE0901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0901
}
```

Border

The CSS property to change the border of an element to Hex AE0901 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".

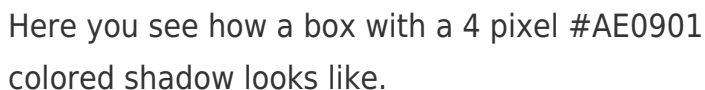
```
.border, #border, table{ border:4px solid
#AE0901 }
```

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

```
.border{ border-color:#AE0901 }
```

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

Here you see how a box with a 4 pixel #AE0901 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0901; -webkit-box-shadow:4px 4px  
4px 4px #AE0901; box-shadow:4px 4px 4px  
4px #AE0901 }
```

Background

The CSS property to change the background color of an element to Hex AE0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0901 }
```

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

```
.background{ background-color:#AE0901 }
```

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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