

# Converting Colors

Hex(AE0826)

Have a look what the booklet for  
Hex(AE0826) contains.

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**Color**

**Hex(AE0826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE0826
RGB	174, 8, 38
RGB Percent	68%, 3%, 15%
CMY	0.3176, 0.9686, 0.8510
CMYK	0.00, 0.95, 0.78, 0.32
HSL	349°, 91%, 36%
HSV	349°, 95%, 68%
XYZ	17.8922, 9.3123, 2.6881
YIQ	61.0540, 89.3060, 44.5220

# Conversions

## Conversions Part 2

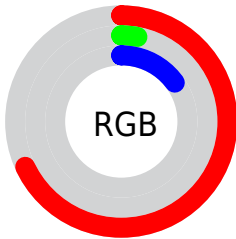
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 8, 38
Decimal	11405350
CIELab	36.58, 59.93, 32.42
CIElCh	37, 68.131, 28.411
Yxy	9.3123, 0.5985, 0.3115
Android (android.graphics.Color)	4289595430 (0xFFAE0826)
YUV	61.0540, -11.3656, 99.0536
Hunter-Lab	30.5160, 51.2556, 16.1384

# Details

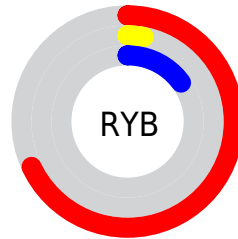
The Hex color **AE0826** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **08AE90**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **ED5153**, and **710000** is the 20% darker color. If you saturate the color by 10%, you get **AE001F**, and if you desaturate by 10%, it is **AE1934**.

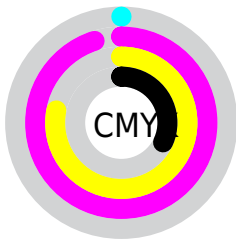
# Distribution



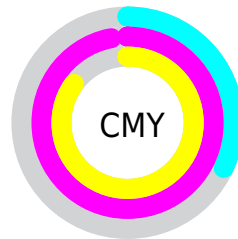
- Red (68%)
- Green (3%)
- Blue (15%)



- Red (68%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (95%)
- Yellow (78%)
- Black (32%)



- Cyan (32%)
- Magenta (97%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE0826 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 AE0826 by changing the saturation by 10% instead.



 AE0826

 AE0826

FFFFFF

 8F0012

 ED5153

 710000

 FF6D6B

 520001

 FF8A85

 360002

 FFA69F

 050000

 FFC3BA

 000000

 FFE0D6

 FFFEF2

 AE0826

 AE0826

■ AE001F

■ AE1934

■ AE2B43

■ AE3C51

■ AE4E5F

■ AE5F6D

■ AE707C

■ AE828A

■ AE9398

■ AEA5A6

# Harmonies

## Analogous

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



B0005C



AE0826



953A00

# Triad

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



AE0826



006914



005FC5

# Complementary

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



AE0826



08AE90

# 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.



0069B4



AE0826



006C51

# Square

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



AE0826



366100



006C89



4149B8

# Rectangle

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



AE0826



7B4C00



006C89



0063C3



# Sweetspot

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



AE0826



E3A1AD



9008AE



734B52



F2F2F2



737373



# Same Dimension

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



AE0826



E30029



AE3D08



574E50



96001B



170004



# Inverse Universe

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



AE0826



E30029



0879AE



574E50



96001B



170004



# Previews

## White Background



This preview shows how the Hex color AE0826 looks on a white background.

## Color Contrast Check

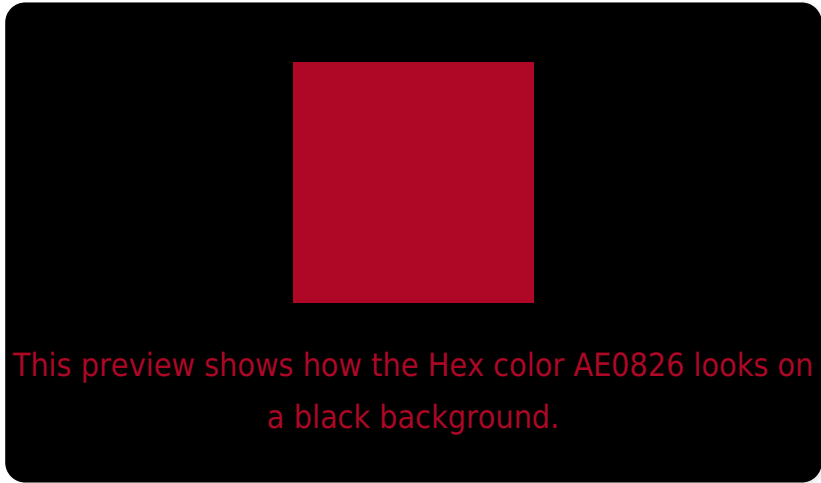
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE0826 Background



This preview shows how black text looks on a background with the Hex color AE0826.



This preview shows how white text looks on a background with the Hex color AE0826.

# 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**  
AE0826

**Protanopia**  
60583A

**Deuteranopia**  
6F541B



# Trichromacy



**Original Color**  
AE0826

**Protanomaly**  
7C3B33

**Deuteranomaly**  
86381F

**Tritanomaly**  
AE0E14

# Monochromacy



**Original Color**  
AE0826

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
662A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE0826 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 #AE0826 looks like.

```
.text, #text, p{  
    color:#AE0826  
}
```

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 #AE0826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE0826
}
```

## Border

The CSS property to change the border of an element to Hex AE0826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

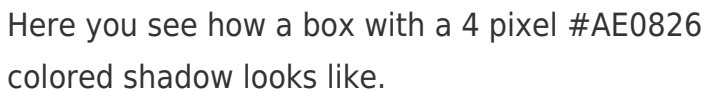
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE0826 }
```

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

```
.border{ border-color:#AE0826 }
```

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



Here you see how a box with a 4 pixel #AE0826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE0826; -webkit-box-shadow:4px 4px  
4px 4px #AE0826; box-shadow:4px 4px 4px  
4px #AE0826 }
```

# Background

The CSS property to change the background color of an element to Hex AE0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE0826 }
```

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

```
.background{ background-color:#AE0826 }
```

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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