

Converting Colors

Hex(AE001F)

Have a look what the booklet for
Hex(AE001F) contains.

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Color

Hex(AE001F)

Conversions

Conversions Part 1

Format	Color
Hex	AE001F
RGB	174, 0, 31
RGB Percent	68%, 0%, 12%
CMY	0.3176, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.82, 0.32
HSL	349°, 100%, 34%
HSV	349°, 100%, 68%
XYZ	17.7029, 9.0976, 2.1193
YIQ	55.5600, 93.7530, 46.5290

Conversions

Conversions Part 2

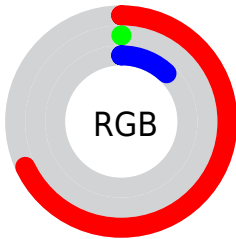
Format	Color
R_{YB}	174, 0, 31
Decimal	11403295
CIE Lab	36.17, 60.67, 36.15
CIE LCh	36, 70.621, 30.792
Yxy	9.0976, 0.6121, 0.3146
Android (android.graphics.Color)	4289593375 (0xFFAE001F)
YUV	55.5600, -12.1081, 103.8719
Hunter-Lab	30.1622, 51.9817, 16.9477

Details

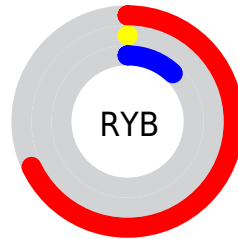
The Hex color **AE001F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **00AE8F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **ED4E4C**, and **700000** is the 20% darker color. If you saturate the color by 10%, you get **AE001F**, and if you desaturate by 10%, it is **AE112D**.

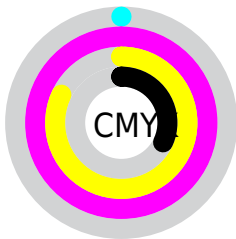
Distribution



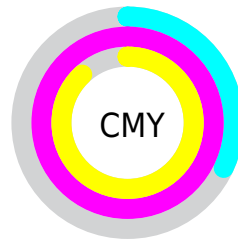
- Red (68%)
- Green (0%)
- Blue (12%)



- Red (68%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE001F 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 AE001F by changing the saturation by 10% instead.

 AE001F

 AE001F

FFFFFF

 8F0009

 ED4E4C

 700000

 FF6B64

 520001

 FF877D

 350002

 FFA497

 030000

 FFC1B2

 000000

 FFDECD

 FFFCE9

 AE001F

 AE112D

 AE233C

 AE344A

 AE4658

 AE5766

 AE6875

 AE7A83

 AE8B91

 AE9DA0

Harmonies

Analogous

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



B30056



AE001F



933A00

Triad

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



AE001F



006816



005DC9

Complementary

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



AE001F



00AE8F

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.



0068B9



AE001F



006B55

Square

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



AE001F



2C6200



006C8E



4945B8

Rectangle

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



AE001F



774D00



006C8E



0062C7

Sweetspot

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



AE001F



E39FAB



8E00AE



734951



F2F2F2



737373

Same Dimension

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



AE001F



E30028



AE3700



574E50



96001B



170004

Inverse Universe

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



AE001F



E30028



0077AE



574E50



96001B



170004

Previews

White Background



This preview shows how the Hex color AE001F looks on a white background.

Color Contrast Check

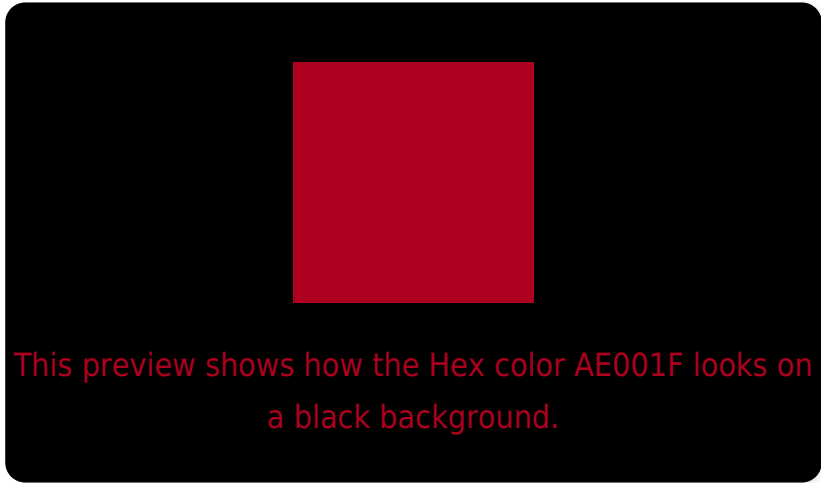
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE001F Background



This preview shows how black text looks on a background with the Hex color AE001F.



This preview shows how white text looks on a background with the Hex color AE001F.

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
AE001F

Protanopia
615831

Deuteranopia
6F540F



Trichromacy



Original Color
AE001F

Protanomaly
7D382A

Deuteranomaly
863515

Tritanomaly
AD0A0B

Monochromacy



Original Color
AE001F

Achromatopsia
383838

Achromatomaly
63242F

CSS Examples

Text

The CSS property to change the color of the text to Hex AE001F 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 #AE001F looks like.

```
.text, #text, p{  
    color:#AE001F  
}
```

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 #AE001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE001F
}
```

Border

The CSS property to change the border of an element to Hex AE001F 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
#AE001F }
```

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

```
.border{ border-color:#AE001F }
```

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

Here you see how a box with a 4 pixel #AE001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE001F; -webkit-box-shadow:4px 4px  
4px 4px #AE001F; box-shadow:4px 4px 4px  
4px #AE001F }
```

Background

The CSS property to change the background color of an element to Hex AE001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE001F }
```

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

```
.background{ background-color:#AE001F }
```

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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