

Converting Colors

Hex(A0002E)

Have a look what the booklet for
Hex(A0002E) contains.

Hex(A0002E)	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(A0002E)

Conversions

Conversions Part 1

Format	Color
Hex	A0002E
RGB	160, 0, 46
RGB Percent	63%, 0%, 18%
CMY	0.3725, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.71, 0.37
HSL	343°, 100%, 31%
HSV	343°, 100%, 63%
XYZ	14.9903, 7.6708, 3.2753
YIQ	53.0840, 80.5940, 48.2260

Conversions

Conversions Part 2

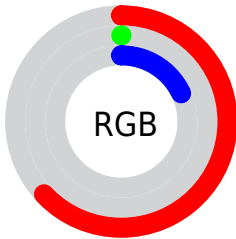
Format	Color
RYB	160, 0, 46
Decimal	10485806
CIELab	33.29, 57.70, 22.78
CIELCh	33, 62.030, 21.544
Yxy	7.6708, 0.5780, 0.2958
Android (android.graphics.Color)	4288675886 (0xFFA0002E)
YUV	53.0840, -3.4924, 93.7653
Hunter-Lab	27.6963, 48.1429, 12.3759

Details

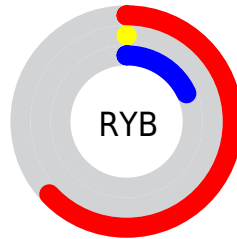
The Hex color **A0002E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A072**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **DD4C5B**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A0002E**, and if you desaturate by 10%, it is **A01039**.

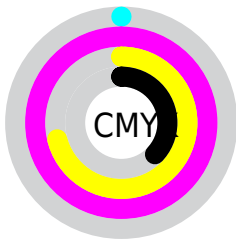
Distribution



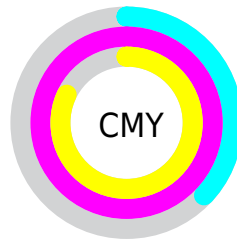
- Red (63%)
- Green (0%)
- Blue (18%)



- Red (63%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color A0002E 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 A0002E by changing the saturation by 10% instead.

 A0002E

 A0002E

FFFFFF

 82001A

 DD4C5B

 640000

 FD6874

 470001

 FF848D

 2A0001

 FFA0A8

 000000

 FFBCC3

 FFD9DF

 FFF7FC

 A0002E

 A01039

 A02045

 A03050

 A0405C

 A05067

 A06072

 A0707E

 A08089

 A09095

Harmonies

Analogous

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



9C005E



A0002E



8E2E00

Triad

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



A0002E



005E02



0059B1

Complementary

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



A0002E



00A072

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.



00619B



A0002E



00623E

Square

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



A0002E



3F5600



006371



1148AB

Rectangle

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



A0002E



794000



006371



005CAD

Sweetspot

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



A0002E



D192A4



7000A0



69434E



E8E8E8



696969

Same Dimension

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



A0002E



D1003C



A02000



4F4749



8F0029



0F0004

Inverse Universe

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



A0002E



D1003C



0080A0



4F4749



8F0029



0F0004

Previews

White Background



This preview shows how the Hex color A0002E looks on a white background.

Color Contrast Check

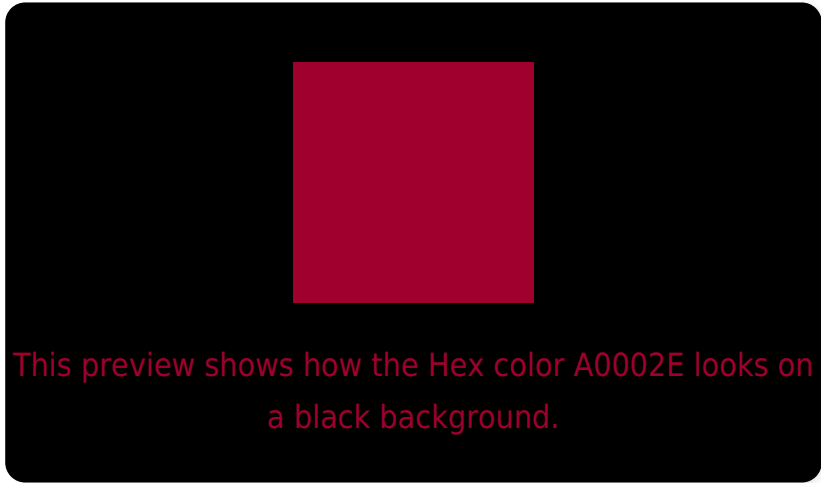
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0002E Background



This preview shows how black text looks on a background with the Hex color A0002E.

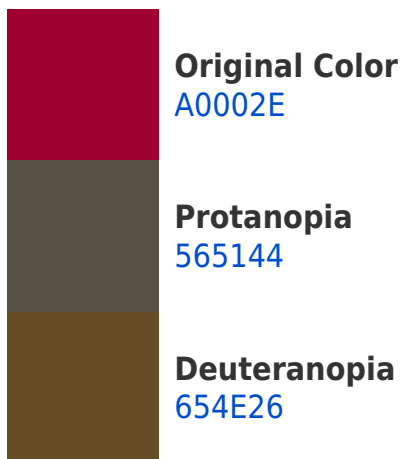


This preview shows how white text looks on a background with the Hex color A0002E.

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](#).

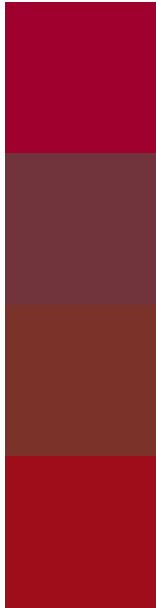
Dichromacy





Tritanopia
9F130F

Trichromacy



Original Color
A0002E

Protanomaly
71343C

Deuteranomaly
7A3229

Tritanomaly
9F0C1A

Monochromacy



Original Color
A0002E

Achromatopsia
353535

Achromatomaly
5C2232

CSS Examples

Text

The CSS property to change the color of the text to Hex A0002E 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 #A0002E looks like.

```
.text, #text, p{  
    color:#A0002E  
}
```

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 #A0002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0002E
}
```

Border

The CSS property to change the border of an element to Hex A0002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

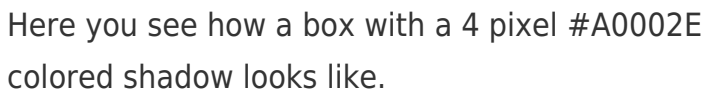
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0002E }
```

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

```
.border{ border-color:#A0002E }
```

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



Here you see how a box with a 4 pixel `#A0002E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0002E; -webkit-box-shadow:4px 4px  
4px 4px #A0002E; box-shadow:4px 4px 4px  
4px #A0002E }
```

Background

The CSS property to change the background color of an element to Hex A0002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0002E }
```

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

```
.background{ background-color:#A0002E }
```

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