

Converting Colors

Hex(A00246)

Have a look what the booklet for
Hex(A00246) contains.

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Color

Hex(A00246)

Conversions

Conversions Part 1

Format	Color
Hex	A00246
RGB	160, 2, 70
RGB Percent	63%, 1%, 27%
CMY	0.3725, 0.9922, 0.7255
CMYK	0.00, 0.99, 0.56, 0.37
HSL	334°, 98%, 32%
HSV	334°, 99%, 63%
XYZ	15.6244, 7.9592, 6.5071
YIQ	56.9940, 72.3400, 54.6440

Conversions

Conversions Part 2

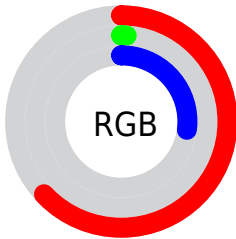
Format	Color
RYB	160, 2, 70
Decimal	10486342
CIELab	33.90, 58.82, 7.84
CIElCh	34, 59.343, 7.588
Yxy	7.9592, 0.5192, 0.2645
Android (android.graphics.Color)	4288676422 (0xFFA00246)
YUV	56.9940, 6.4120, 90.3363
Hunter-Lab	28.2120, 49.4858, 6.0731

Details

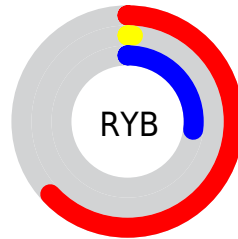
The Hex color **A00246** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **02A05C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **DC4D76**, and **65001C** is the 20% darker color. If you saturate the color by 10%, you get **A00045**, and if you desaturate by 10%, it is **A0124F**.

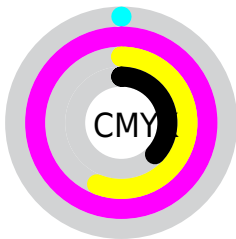
Distribution



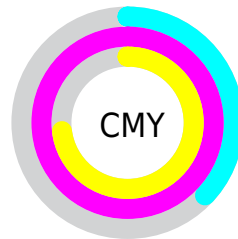
- Red (63%)
- Green (1%)
- Blue (27%)



- Red (63%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (99%)
- Yellow (73%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A00246 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 A00246 by changing the saturation by 10% instead.

 A00246

 A00246

FFFFFF

 820030

 DC4D76

 65001C

 FB698F

 4A0001

 FF85AA

 2D0001

 FFA2C5

 000000

 FFBEE1

 FFDBFE

 FFF9FF

 A00246

 A00246

■ A00045

■ A0124F

■ A02258

■ A03261

■ A0426A

■ A05274

■ A0627D

■ A07286

■ A0828F

■ A09298

Harmonies

Analogous

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



8F1C75



A00246



982418

Triad

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



A00246



205C00



005EA8

Complementary

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



A00246



02A05C

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.



006389



A00246



006129

Square

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



A00246



585200



00635B



0052AE

Rectangle

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



A00246



883700



00635B



0060A0

Sweetspot

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



A00246



D192AD



5C02A0



694353



E8E8E8



696969

Same Dimension

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



A00246



D1005A



A00D02



4F474B



8F003D



0F0007

Inverse Universe

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



A00246



D1005A



0295A0



4F474B



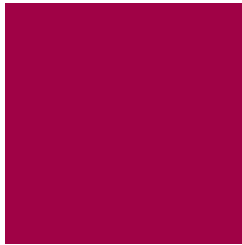
8F003D



0F0007

Previews

White Background



This preview shows how the Hex color A00246 looks on a white background.

Color Contrast Check

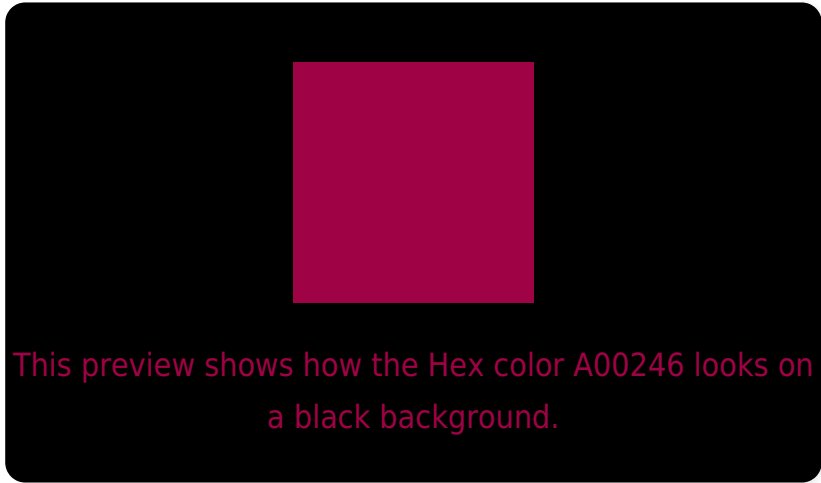
Large Text (above 18pt) WCAG AA ✓ Pass

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 A00246 Background



This preview shows how black text looks on a background with the Hex color A00246.

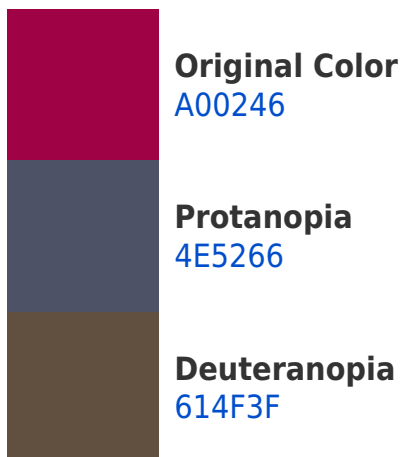


This preview shows how white text looks on a background with the Hex color A00246.

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
9E1C1B

Trichromacy



Original Color
A00246

Protanomaly
6C355A

Deuteranomaly
783342

Tritanomaly
9F132B

Monochromacy



Original Color
A00246

Achromatopsia
393939

Achromatomaly
5E253E

CSS Examples

Text

The CSS property to change the color of the text to Hex A00246 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 #A00246 looks like.

```
.text, #text, p{  
    color:#A00246  
}
```

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 #A00246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A00246
}
```

Border

The CSS property to change the border of an element to Hex A00246 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".

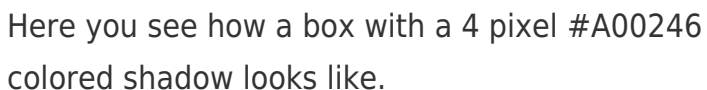
```
.border, #border, table{ border:4px solid
#A00246 }
```

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

```
.border{ border-color:#A00246 }
```

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

Here you see how a box with a 4 pixel #A00246 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A00246 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A00246; -webkit-box-shadow:4px 4px  
4px 4px #A00246; box-shadow:4px 4px 4px  
4px #A00246 }
```

Background

The CSS property to change the background color of an element to Hex A00246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A00246 }
```

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

```
.background{ background-color:#A00246 }
```

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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