

# Converting Colors

Hex(A00803)

Have a look what the booklet for  
Hex(A00803) contains.

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# Color

**Hex(A00803)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A00803
RGB	160, 8, 3
RGB Percent	63%, 3%, 1%
CMY	0.3725, 0.9686, 0.9882
CMYK	0.00, 0.95, 0.98, 0.37
HSL	2°, 96%, 32%
HSV	2°, 98%, 63%
XYZ	14.6005, 7.6538, 0.7940
YIQ	52.8780, 92.1970, 30.6690

# Conversions

## Conversions Part 2

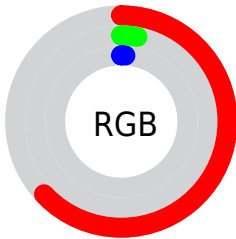
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 8, 3
Decimal	10487811
CIELab	33.25, 55.49, 45.97
CIELCh	33, 72.061, 39.641
Yxy	7.6538, 0.6335, 0.3321
Android (android.graphics.Color)	4288677891 (0xFFA00803)
YUV	52.8780, -24.5899, 93.9460
Hunter-Lab	27.6655, 45.7886, 17.6644

# Details

The Hex color **A00803** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **039BA0**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **DF4D32**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **A00500**, and if you desaturate by 10%, it is **A01713**.

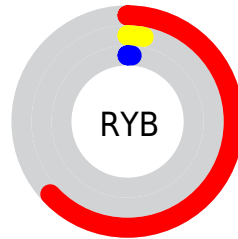
# Distribution



Red (63%)

Green (3%)

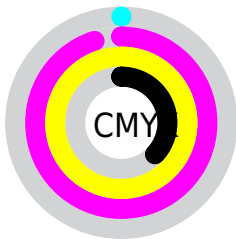
Blue (1%)



Red (63%)

Yellow (3%)

Blue (1%)

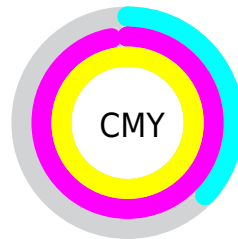


Cyan (0%)

Magenta (95%)

Yellow (98%)

Black (37%)



Cyan (37%)

Magenta (97%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A00803 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 A00803 by changing the saturation by 10% instead.



 A00803

 A00803

 FFFFE9

 810000

 DF4D32

 620000

 FF694A

 450001

 FF8563

 280001

 FFA17C

 000000

 FFBD96

 FFDAB1

 FFF7CD

 A00803

 A00803

■ A00500

■ A01713

■ A02723

■ A03633

■ A04643

■ A05553

■ A06563

■ A07473

■ A08483

■ A09393

# Harmonies

## Analogous

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



AD003F



A00803



7F3C00

# Triad

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



A00803



006223



0051C1

# Complementary

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



A00803



039BA0

# 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.



005FBB



A00803



006460

# Square

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



A00803



005D00



006497



6132A8

# Rectangle

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



A00803



614C00



006497



0057C3



# Sweetspot

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



A00803



D19694



A0039D



694544



E8E8E8



696969



# Same Dimension

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



A00803



D10700



A05403



4F4747



8F0500



0F0000



# Inverse Universe

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



039BA0



00CAD1



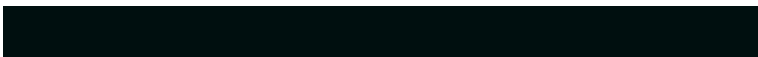
034FA0



474F4F



008A8F

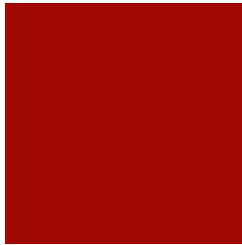


000F0F



# Previews

## White Background



This preview shows how the Hex color A00803 looks on a white background.

## Color Contrast Check

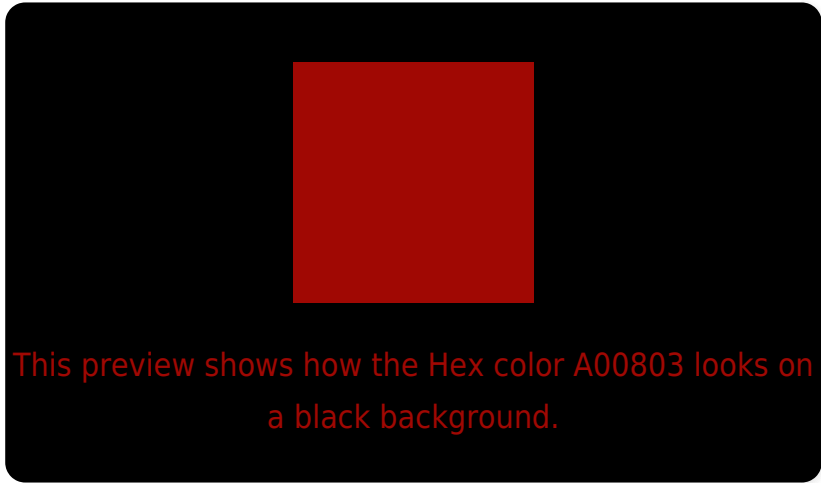
Large Text (above 18pt) WCAG AA ✓ Pass

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 A00803 Background



This preview shows how black text looks on a background with the Hex color A00803.



This preview shows how white text looks on a background with the Hex color A00803.

# 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**  
A00803

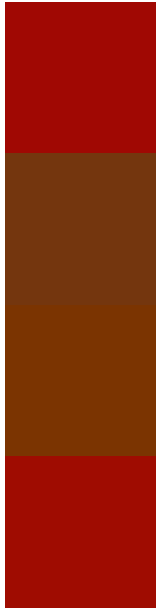
**Protanopia**  
5B5115

**Deuteranopia**  
664D00



**Tritanopia**  
9F0F00

# Trichromacy



**Original Color**  
A00803

**Protanomaly**  
74360E

**Deuteranomaly**  
7B3401

**Tritanomaly**  
9F0C01

# Monochromacy



**Original Color**  
A00803

**Achromatopsia**  
353535

**Achromatomaly**  
5C2523

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A00803 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 #A00803 looks like.

```
.text, #text, p{  
    color:#A00803  
}
```

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 #A00803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A00803
}
```

## Border

The CSS property to change the border of an element to Hex A00803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

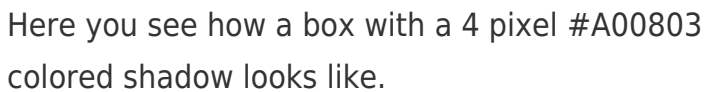
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A00803 }
```

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

```
.border{ border-color:#A00803 }
```

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



Here you see how a box with a 4 pixel `#A00803` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A00803; -webkit-box-shadow:4px 4px  
4px 4px #A00803; box-shadow:4px 4px 4px  
4px #A00803 }
```

# Background

The CSS property to change the background color of an element to Hex A00803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A00803 }
```

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

```
.background{ background-color:#A00803 }
```

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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