

# Converting Colors

Hex(A0000B)

Have a look what the booklet for  
Hex(A0000B) contains.

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# Color

**Hex(A0000B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0000B
RGB	160, 0, 11
RGB Percent	63%, 0%, 4%
CMY	0.3725, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.93, 0.37
HSL	356°, 100%, 31%
HSV	356°, 100%, 63%
XYZ	14.5576, 7.4977, 0.9965
YIQ	49.0940, 91.8290, 37.3410

# Conversions

## Conversions Part 2

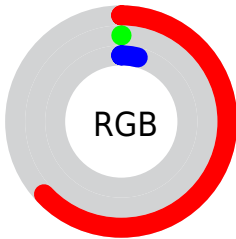
Format	Color
<b>RYB</b>	160, 0, 11
Decimal	10485771
CIELab	32.91, 56.68, 42.50
CIElCh	33, 70.845, 36.862
Yxy	7.4977, 0.6315, 0.3253
Android (android.graphics.Color)	4288675851 (0xFFA0000B)
YUV	49.0940, -18.7803, 97.2646
Hunter-Lab	27.3820, 46.9808, 17.0096

# Details

The Hex color **A0000B** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A095**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **DF4B38**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **A0000B**, and if you desaturate by 10%, it is **A0101A**.

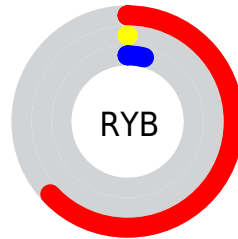
# Distribution



Red (63%)

Green (0%)

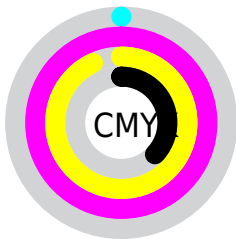
Blue (4%)



Red (63%)

Yellow (0%)

Blue (4%)

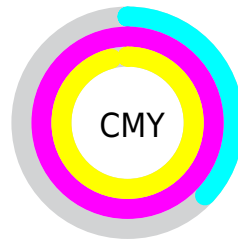


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (37%)



Cyan (37%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0000B 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 A0000B by changing the saturation by 10% instead.



 A0000B

 A0000B

 FFFFF0

 810000

 DF4B38

 620000

 FF6750

 450002

 FF8369

 270001

 FF9F82

 000000

 FFBB9C

 FFD8B7

 FFF5D3

 A0000B

 A0101A

 A02029

 A03038

 A04047

 A05055

 A06064

 A07073

 A08082

 A09091

# Harmonies

## Analogous

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



AA0043



A0000B



813900

# Triad

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



A0000B



00611D



0052BF

# Complementary

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



A0000B



00A095

# 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.



005FB6



A0000B



006359

# Square

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



A0000B



075B00



006390



5736A9

# Rectangle

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



A0000B



644A00



006390



0057C0



# Sweetspot

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



A0000B



D19297



9300A0



694345



E8E8E8



696969



# Same Dimension

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



A000B



D100E



A04300



4F4748



8F000A



0F0001



# Inverse Universe

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



A0000B



D1000E



005DA0



4F4748



8F000A



0F0001



# Previews

## White Background



This preview shows how the Hex color A0000B looks on a white background.

## Color Contrast Check

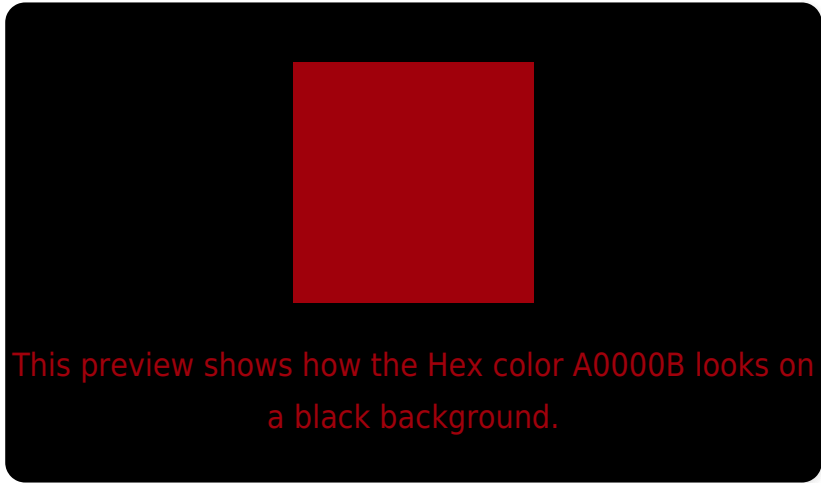
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0000B Background



This preview shows how black text looks on a background with the Hex color A0000B.



This preview shows how white text looks on a background with the Hex color A0000B.

# 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**  
A0000B

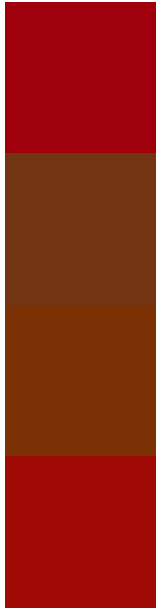
**Protanopia**  
5A5119

**Deuteranopia**  
664D00



**Tritanopia**  
9F0F00

# Trichromacy



**Original Color**  
A0000B

**Protanomaly**  
733414

**Deuteranomaly**  
7B3104

**Tritanomaly**  
9F0A04

# Monochromacy



**Original Color**  
A0000B

**Achromatopsia**  
313131

**Achromatomaly**  
591F23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0000B 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 #A0000B looks like.

```
.text, #text, p{  
    color:#A0000B  
}
```

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 #A0000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0000B
}
```

## Border

The CSS property to change the border of an element to Hex A0000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

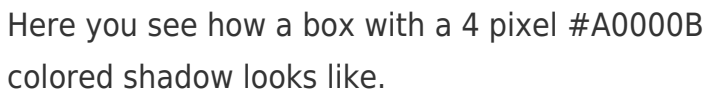
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0000B }
```

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

```
.border{ border-color:#A0000B }
```

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



Here you see how a box with a 4 pixel `#A0000B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0000B; -webkit-box-shadow:4px 4px  
4px 4px #A0000B; box-shadow:4px 4px 4px  
4px #A0000B }
```

# Background

The CSS property to change the background color of an element to Hex A0000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0000B }
```

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

```
.background{ background-color:#A0000B }
```

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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