

# Converting Colors

Hex(AC1B00)

Have a look what the booklet for  
Hex(AC1B00) contains.

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**Color**

**Hex(AC1B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC1B00
RGB	172, 27, 0
RGB Percent	67%, 11%, 0%
CMY	0.3255, 0.8941, 1.0000
CMYK	0.00, 0.84, 1.00, 0.33
HSL	9°, 100%, 34%
HSV	9°, 100%, 67%
XYZ	17.4052, 9.5545, 0.9269
YIQ	67.2770, 95.0870, 22.3430

# Conversions

## Conversions Part 2

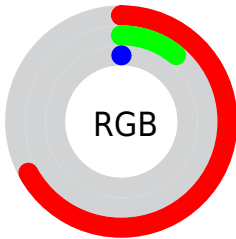
Format	Color
R <sub>Y</sub> B	172, 32, 0
Decimal	11279104
CIE Lab	37.03, 55.35, 50.59
CIE LCh	37, 74.988, 42.425
Yxy	9.5545, 0.6241, 0.3426
Android (android.graphics.Color)	4289469184 (0xFFAC1B00)
YUV	67.2770, -33.1676, 91.8421
Hunter-Lab	30.9104, 46.4176, 19.8595

# Details

The Hex color **AC1B00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0091AC**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **EC5832**, and **6E0000** is the 20% darker color. If you saturate the color by 10%, you get **AC1B00**, and if you desaturate by 10%, it is **AC2A11**.

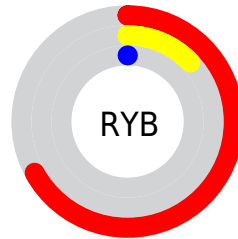
# Distribution



Red (67%)

Green (11%)

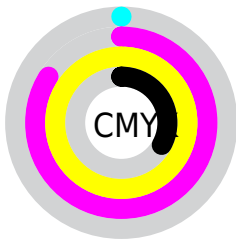
Blue (0%)



Red (67%)

Yellow (13%)

Blue (0%)

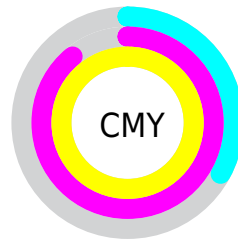


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC1B00 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 AC1B00 by changing the saturation by 10% instead.



 AC1B00

 AC1B00

 FFFFEB

 8D0000

 EC5832

 6E0000

 FF734A

 4F0000

 FF8F63

 340002

 FFAB7D

 000000

 FFC897

 FFE5B3

 FFFFCE

 AC1B00

 AC2A11

 AC3822

 AC4734

 AC5545

 AC6456

 AC7267

 AC8178

 AC8F8A

 AC9E9B

# Harmonies

## Analogous

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



BC0041



AC1B00



874700

# Triad

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



AC1B00



006D2F



0058D0

# Complementary

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



AC1B00



0091AC

# 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.



0068CC



AC1B00



006F70

# Square

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



AC1B00



006800



006EA9



7436B2

# Rectangle

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



AC1B00



675700



006EA9



005FD3



# Sweetspot

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



AC1B00



E0A89D



AC0092



704E48



F0F0F0



707070



# Same Dimension

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



AC1B00



E02300



AC7000



574F4E



961800



170400



# Inverse Universe

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



0091AC



00BDE0



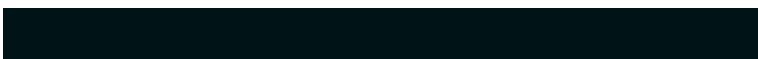
003CAC



4E5557



007F96



001317



# Previews

## White Background



This preview shows how the Hex color AC1B00 looks on a white background.

## Color Contrast Check

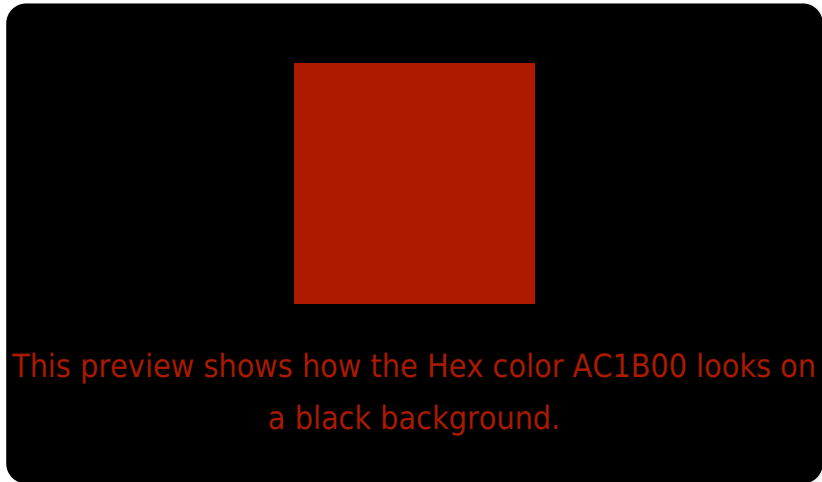
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC1B00 Background



This preview shows how black text looks on a background with the Hex color AC1B00.



This preview shows how white text looks on a background with the Hex color AC1B00.

# 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



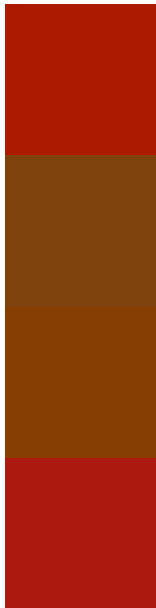
**Original Color**  
AC1B00

**Protanopia**  
645915

**Deuteranopia**  
705400



# Trichromacy



**Original Color**  
AC1B00

**Protanomaly**  
7E420D

**Deuteranomaly**  
863F00

**Tritanomaly**  
AC1A0F

# Monochromacy



**Original Color**  
AC1B00

**Achromatopsia**  
434343

**Achromatomaly**  
69342B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC1B00 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 #AC1B00 looks like.

```
.text, #text, p{  
    color:#AC1B00  
}
```

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 #AC1B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC1B00  
}
```

## Border

The CSS property to change the border of an element to Hex AC1B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

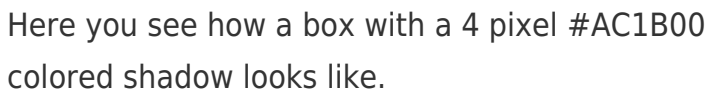
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AC1B00 }
```

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

```
.border{ border-color:#AC1B00 }
```

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



Here you see how a box with a 4 pixel `#AC1B00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC1B00; -webkit-box-shadow:4px 4px  
4px 4px #AC1B00; box-shadow:4px 4px 4px  
4px #AC1B00 }
```

# Background

The CSS property to change the background color of an element to Hex AC1B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC1B00 }
```

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

```
.background{ background-color:#AC1B00 }
```

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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