

# Converting Colors

Hex(AD1800)

Have a look what the booklet for  
Hex(AD1800) contains.

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**Color**

**Hex(AD1800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD1800
RGB	173, 24, 0
RGB Percent	68%, 9%, 0%
CMY	0.3216, 0.9059, 1.0000
CMYK	0.00, 0.86, 1.00, 0.32
HSL	8°, 100%, 34%
HSV	8°, 100%, 68%
XYZ	17.5602, 9.5375, 0.9154
YIQ	65.8150, 96.5080, 24.1240

# Conversions

## Conversions Part 2

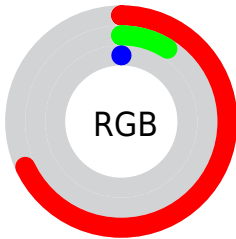
Format	Color
<a href="#">RYB</a>	<a href="#">173, 28, 0</a>
Decimal	<a href="#">11343872</a>
CIELab	<a href="#">37.00, 56.33, 50.70</a>
CIElCh	<a href="#">37, 75.785, 41.988</a>
Yxy	<a href="#">9.5375, 0.6269, 0.3405</a>
Android (android.graphics.Color)	<a href="#">4289533952 (0xFFAD1800)</a>
YUV	<a href="#">65.8150, -32.4468, 94.0012</a>
Hunter-Lab	<a href="#">30.8829, 47.4514, 19.8606</a>

# Details

The Hex color **AD1800** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0095AD**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **ED5632**, and **6F0000** is the 20% darker color. If you saturate the color by 10%, you get **AD1800**, and if you desaturate by 10%, it is **AD2711**.

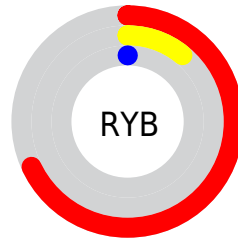
# Distribution



Red (68%)

Green (9%)

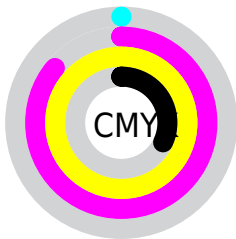
Blue (0%)



Red (68%)

Yellow (11%)

Blue (0%)

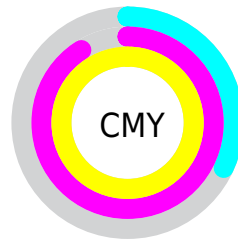


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD1800 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 AD1800 by changing the saturation by 10% instead.



 AD1800

 AD1800

 FFFFEB

 8E0000

 ED5632

 6F0000

 FF724A

 500000

 FF8E63

 340002

 FFAA7D

 010000

 FFC797

 000000

 FFE4B2

 FFFFCE

 AD1800

 AD2711

 AD3623

 AD4534

 AD5445

 AD6357

 AD7168

 AD8079

 AD8F8A

 AD9E9C

# Harmonies

## Analogous

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



BD0042



AD1800



884600

# Triad

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



AD1800



006D2E



0058D1

# Complementary

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



AD1800



0095AD

# 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.



0069CD



AD1800



006F6F

# Square

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



AD1800



006800



006FA9



7336B3

# Rectangle

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



AD1800



685600



006FA9



005FD4



# Sweetspot

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



AD1800



E0A69D



AD0096



704D48



F0F0F0



707070



# Same Dimension

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



AD1800



E01F00



AD6E00



574F4E



961500



170300



# Inverse Universe

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



0095AD



00C1E0



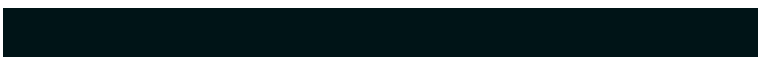
003FAD



4E5557



008296



001417



# Previews

## White Background



This preview shows how the Hex color AD1800 looks on a white background.

## Color Contrast Check

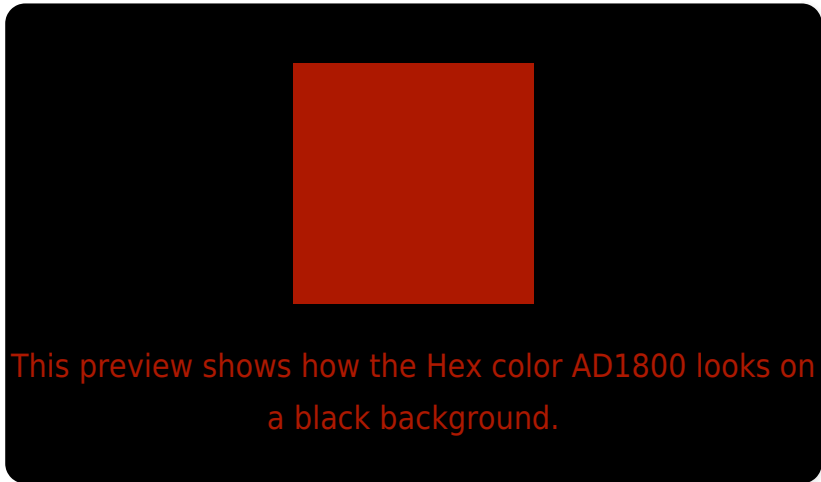
Large Text (above 18pt) WCAG AA ✓ Pass

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 AD1800 Background



This preview shows how black text looks on a background with the Hex color AD1800.



This preview shows how white text looks on a background with the Hex color AD1800.

# 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**  
AD1800

**Protanopia**  
645916

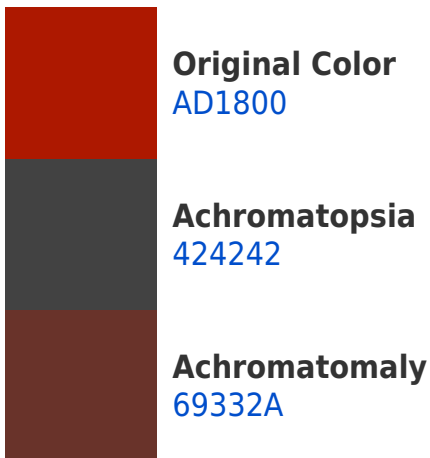
**Deuteranopia**  
705400



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD1800 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 #AD1800 looks like.

```
.text, #text, p{  
    color:#AD1800  
}
```

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 #AD1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD1800  
}
```

## Border

The CSS property to change the border of an element to Hex AD1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

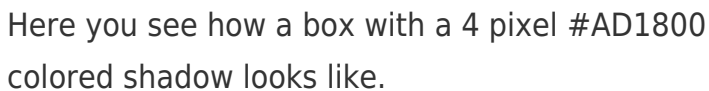
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AD1800 }
```

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

```
.border{ border-color:#AD1800 }
```

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



Here you see how a box with a 4 pixel #AD1800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD1800; -webkit-box-shadow:4px 4px  
4px 4px #AD1800; box-shadow:4px 4px 4px  
4px #AD1800 }
```

# Background

The CSS property to change the background color of an element to Hex AD1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD1800 }
```

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

```
.background{ background-color:#AD1800 }
```

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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