

# Converting Colors

Hex(AD9930)

Have a look what the booklet for  
Hex(AD9930) contains.

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**Color**

**Hex(AD9930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD9930
RGB	173, 153, 48
RGB Percent	68%, 60%, 19%
CMY	0.3216, 0.4000, 0.8118
CMYK	0.00, 0.12, 0.72, 0.32
HSL	50°, 57%, 43%
HSV	50°, 72%, 68%
XYZ	29.1583, 31.8801, 7.4130
YIQ	147.0100, 45.6250, -28.4150

# Conversions

## Conversions Part 2

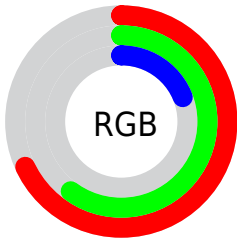
Format	Color
<a href="#">RYB</a>	<a href="#">72, 173, 48</a>
Decimal	<a href="#">11376944</a>
CIELab	<a href="#">63.24, -4.35, 54.96</a>
CIELCh	<a href="#">63, 55.133, 94.524</a>
Yxy	<a href="#">31.8801, 0.4260, 0.4657</a>
Android (android.graphics.Color)	<a href="#">4289567024</a> (0xFFAD9930)
YUV	<a href="#">147.0100, -48.8119, 22.7932</a>
Hunter-Lab	<a href="#">56.4625, -6.6285, 31.7395</a>

# Details

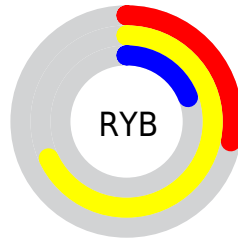
The Hex color **AD9930** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3044AD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E7CF65**, and **756600** is the 20% darker color. If you saturate the color by 10%, you get **AD961F**, and if you desaturate by 10%, it is **AD9C41**.

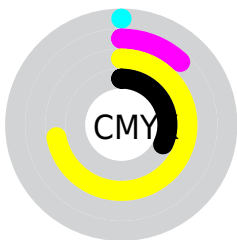
# Distribution



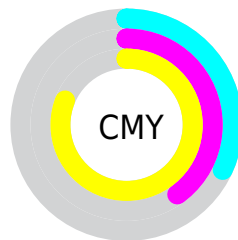
- Red (68%)
- Green (60%)
- Blue (19%)



- Red (28%)
- Yellow (68%)
- Blue (19%)



- Cyan (0%)
- Magenta (12%)
- Yellow (72%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD9930 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 AD9930 by changing the saturation by 10% instead.



 AD9930

 AD9930

FFFFFF

 917F12

 E7CF65

 756600

 FFE880

 5A4F00

 FFFF9B

 403800

 FFFF80

 262300

 FFFF60

 070E00

 FFFF40

 000000

 AD9930

 AD9930

 AD961F

 AD9C41

■ AD930D

■ AD9F53

■ AD9100

■ ADA164

■ ADA475

■ ADA787

■ ADAA98

■ ADACA9

■ ADAFBA

■ ADB2CC

# Harmonies

## Analogous

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



D5873F



AD9930



7AA643

# Triad

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



AD9930



00B0CF



DB76C4

# Complementary

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



AD9930



3044AD

# 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.



A589EA



AD9930



00A9F1

# Square

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



AD9930



00B19F



419CFB



F26D94

# Rectangle

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



AD9930



4EAC5E



419CFB



CC7CD3



# Sweetspot

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



AD9930



E0D9AF



AD3045



706C53



F0F0F0



707070



# Same Dimension

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



AD9930



E0C11D



83AD30



57554E



967E00



171300



# Inverse Universe

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



3044AD



1D3CE0



5A30AD



4E4F57



001896



000417



# Previews

## White Background



This preview shows how the Hex color AD9930 looks on a white background.

## Color Contrast Check

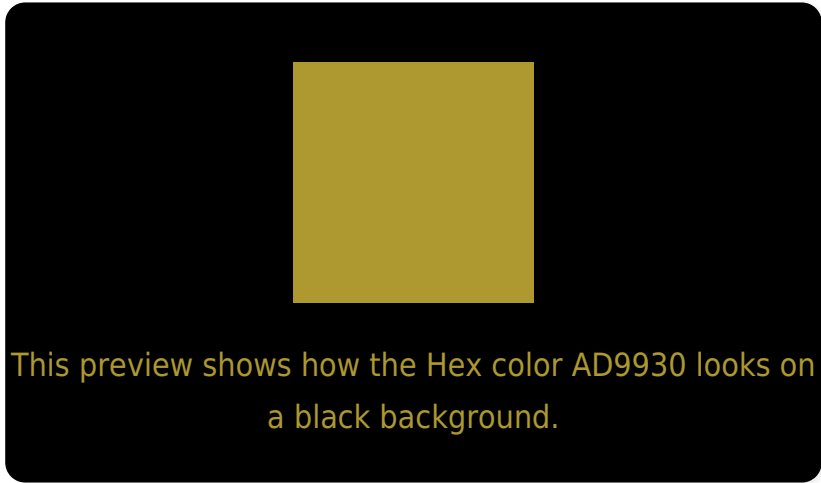
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AD9930 Background



This preview shows how black text looks on a background with the Hex color AD9930.



This preview shows how white text looks on a background with the Hex color AD9930.

# 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**  
AD9930

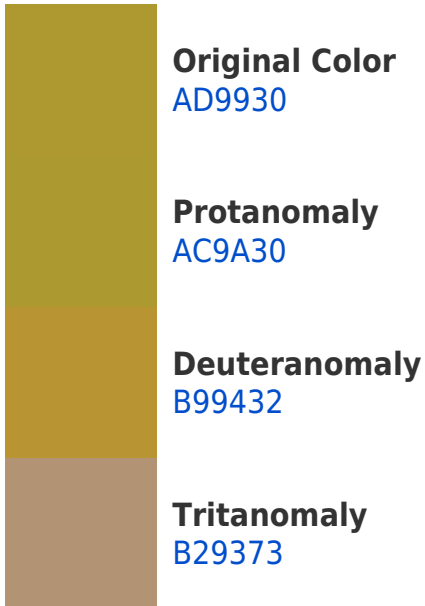
**Protanopia**  
AC9A30

**Deuteranopia**  
C09133



**Tritanopia**  
B58F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD9930 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 #AD9930 looks like.

```
.text, #text, p{  
    color:#AD9930  
}
```

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 #AD9930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD9930
}
```

## Border

The CSS property to change the border of an element to Hex AD9930 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
#AD9930 }
```

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

```
.border{ border-color:#AD9930 }
```

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

Here you see how a box with a 4 pixel #AD9930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD9930; -webkit-box-shadow:4px 4px  
4px 4px #AD9930; box-shadow:4px 4px 4px  
4px #AD9930 }
```

# Background

The CSS property to change the background color of an element to Hex AD9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD9930 }
```

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

```
.background{ background-color:#AD9930 }
```

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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