

Converting Colors

Hex(ADA90A)

Have a look what the booklet for
Hex(ADA90A) contains.

| | |
|--|----|
| Hex(ADA90A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(ADA90A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADA90A |
| RGB | 173, 169, 10 |
| RGB Percent | 68%, 66%, 4% |
| CMY | 0.3216, 0.3373, 0.9608 |
| CMYK | 0.00, 0.02, 0.94, 0.32 |
| HSL | 59°, 89%, 36% |
| HSV | 59°, 94%, 68% |
| XYZ | 31.4763, 37.2821, 5.8243 |
| YIQ | 152.0700, 53.4230, -48.6010 |

Conversions

Conversions Part 2

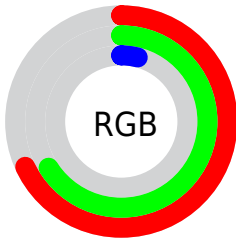
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 14, 173, 10 |
| Decimal | 11381002 |
| CIELab | 67.49, -13.93, 68.59 |
| CIElCh | 67, 69.989, 101.484 |
| Yxy | 37.2821, 0.4220, 0.4999 |
| Android (android.graphics.Color) | 4289571082 (0xFFADA90A) |
| YUV | 152.0700, -70.0405, 18.3556 |
| Hunter-Lab | 61.0591, -14.8355, 37.0857 |

Details

The Hex color **ADA90A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0A0EAD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E8E050**, and **747500** is the 20% darker color. If you saturate the color by 10%, you get **ADA900**, and if you desaturate by 10%, it is **ADA91B**.

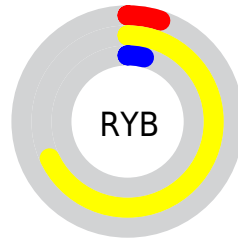
Distribution



Red (68%)

Green (66%)

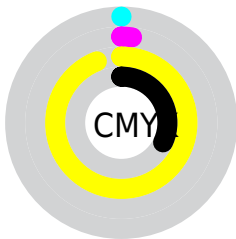
Blue (4%)



Red (5%)

Yellow (68%)

Blue (4%)

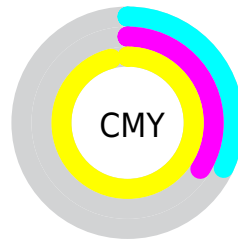


Cyan (0%)

Magenta (2%)

Yellow (94%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color ADA90A 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 ADA90A by changing the saturation by 10% instead.

 ADA90A

 ADA90A

FFFFFF

 908F00

 E8E050

 747500

 FFFC6C

 595D00

 FFFF88

 3E4500

 FFFFA4

 242F00

 FFFFC0

 061B00

 FFFFDD

 000000

 FFFFFB

 ADA90A

 ADA90A

■ ADA900

■ ADA91B

■ ADAA2D

■ ADAA3E

■ ADAB4F

■ ADAB60

■ ADAC72

■ ADAC83

■ ADAC94

■ ADADA6

Harmonies

Analogous

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



E39320



ADA90A



66B83D

Triad

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



ADA90A



00C0F7



FF6ECE

Complementary

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



ADA90A



0A0EAD

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.



C689FF



ADA90A



00B6FF

Square

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



ADA90A



00C2BC



47A4FF



FF668F

Rectangle

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



ADA90A



00BD65



47A4FF



F276E2

Sweetspot

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



ADA90A



E0DFA2



AD0A0F



706F4A



F0F0F0



707070

Same Dimension

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



ADA90A



E0DB00



61AD0A



57564E



969300



171600

Inverse Universe

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



0A0EAD



0006E0



560AAD



4E4E57



000496



000117

Previews

White Background



This preview shows how the Hex color ADA90A looks on a white background.

Color Contrast Check

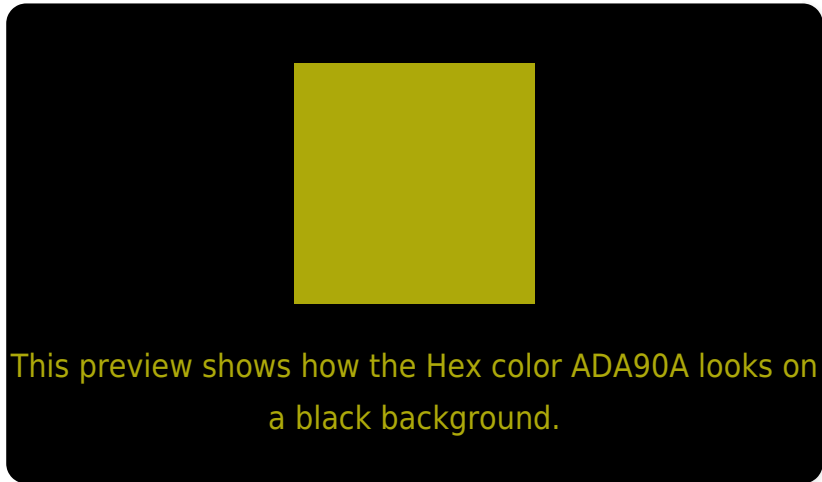
Large Text (above 18pt) WCAG AA × Fail

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 ADA90A Background



This preview shows how black text looks on a background with the Hex color ADA90A.



This preview shows how white text looks on a background with the Hex color ADA90A.

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
ADA90A

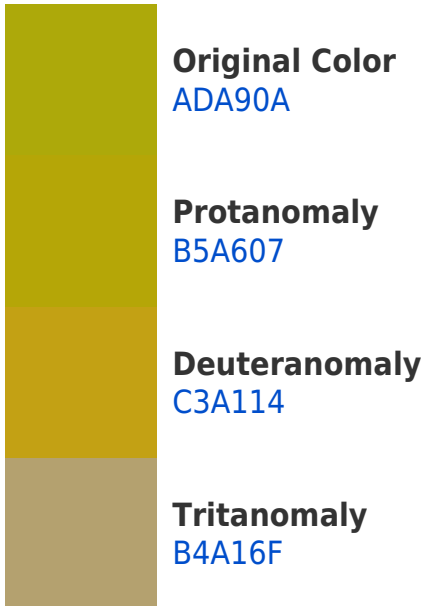
Protanopia
B9A506

Deuteranopia
CF9C1A

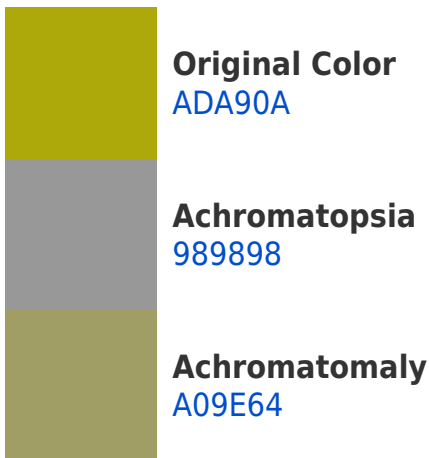


Tritanopia
B89DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ADA90A 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 #ADA90A looks like.

```
.text, #text, p{  
    color:#ADA90A  
}
```

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 #ADA90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ADA90A
}
```

Border

The CSS property to change the border of an element to Hex ADA90A 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
#ADA90A }
```

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

```
.border{ border-color:#ADA90A }
```

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

Here you see how a box with a 4 pixel #ADA90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ADA90A; -webkit-box-shadow:4px 4px  
4px 4px #ADA90A; box-shadow:4px 4px 4px  
4px #ADA90A }
```

Background

The CSS property to change the background color of an element to Hex ADA90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ADA90A }
```

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

```
.background{ background-color:#ADA90A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor