

# Converting Colors

Hex(AA971A)

Have a look what the booklet for  
Hex(AA971A) contains.

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**Color**

**Hex(AA971A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA971A
RGB	170, 151, 26
RGB Percent	67%, 59%, 10%
CMY	0.3333, 0.4078, 0.8980
CMYK	0.00, 0.11, 0.85, 0.33
HSL	52°, 73%, 38%
HSV	52°, 85%, 67%
XYZ	27.8306, 30.7538, 5.4465
YIQ	142.4310, 51.4490, -34.8470

# Conversions

## Conversions Part 2

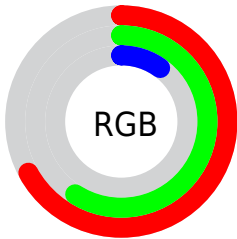
Format	Color
<a href="#">RYB</a>	<a href="#">48, 170, 26</a>
Decimal	<a href="#">11179802</a>
CIELab	<a href="#">62.30, -5.48, 61.31</a>
CIELCh	<a href="#">62, 61.551, 95.105</a>
Yxy	<a href="#">30.7538, 0.4346, 0.4803</a>
Android (android.graphics.Color)	<a href="#">4289369882 (0xFFAA971A)</a>
YUV	<a href="#">142.4310, -57.4005, 24.1780</a>
Hunter-Lab	<a href="#">55.4562, -7.4682, 32.9962</a>

# Details

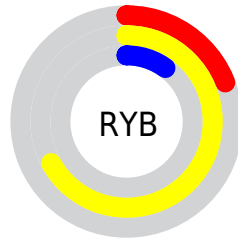
The Hex color **AA971A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1A2DAA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **E5CD54**, and **726500** is the 20% darker color. If you saturate the color by 10%, you get **AA9509**, and if you desaturate by 10%, it is **AA992B**.

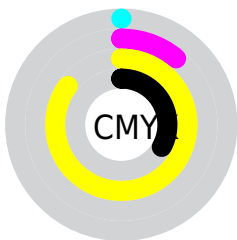
# Distribution



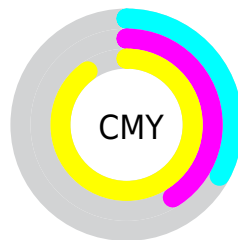
- Red (67%)
- Green (59%)
- Blue (10%)



- Red (19%)
- Yellow (67%)
- Blue (10%)



- Cyan (0%)
- Magenta (11%)
- Yellow (85%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA971A 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 AA971A by changing the saturation by 10% instead.



■ AA971A

■ AA971A

FFFFFF

■ 8D7D00

■ E5CD54

■ 726500

■ FFE96F

■ 574D00

■ FFFF8A

■ 3C3700

■ FFFFA6

■ 232100

■ FFFFC2

■ 000C00

■ FFFFDF

■ 000000

■ FFFFFC

■ AA971A

■ AA971A

■ AA9509

■ AA992B

■ AA9400

■ AA9B3C

■ AA9E4D

■ AAA05E

■ AAA26F

■ AAA480

■ AAA791

■ AAA9A2

■ AAABB3

# Harmonies

## Analogous

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



D7832F



AA971A



71A535

# Triad

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



AA971A



00AFD4



E06DC6

# Complementary

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



AA971A



1A2DAA

# 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.



A484F0



AA971A



00A8F9

# Square

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



AA971A



00B19F



169AFF



F8628F

# Rectangle

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



AA971A



3AAB55



169AFF



D074D6



# Sweetspot

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



AA971A



DED7A6



AA1A2D



706C4F



F0F0F0



707070



# Same Dimension

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



AA971A



DEC100



75AA1A



54534C



948000



141200



# Inverse Universe

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



1A2DAA



001DDE



4F1AAA



4C4D54



001494

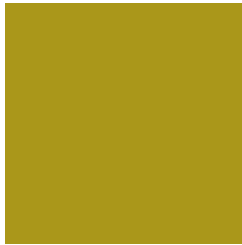


000314



# Previews

## White Background



This preview shows how the Hex color AA971A looks on a white background.

## Color Contrast Check

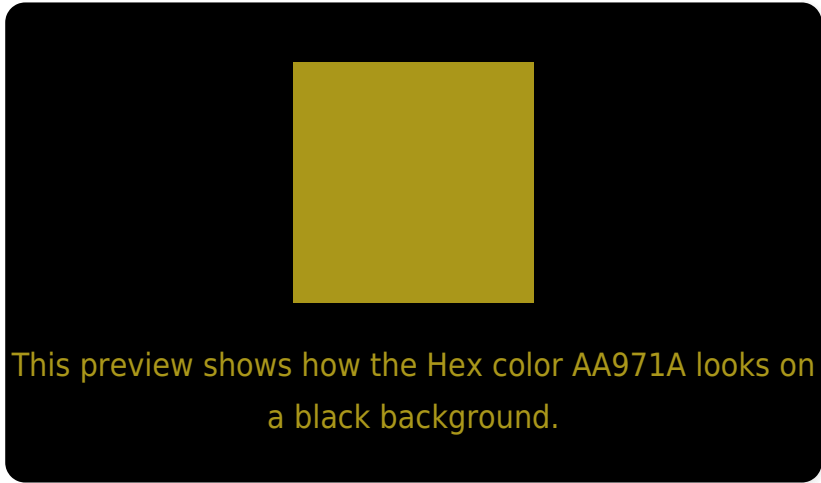
Large Text (above 18pt) WCAG AA × Fail

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 AA971A Background



This preview shows how black text looks on a background with the Hex color AA971A.



This preview shows how white text looks on a background with the Hex color AA971A.

# 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**  
AA971A

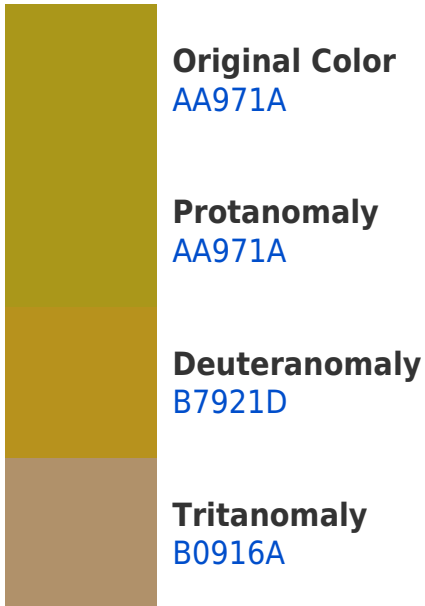
**Protanopia**  
AA971A

**Deuteranopia**  
BE8F1F

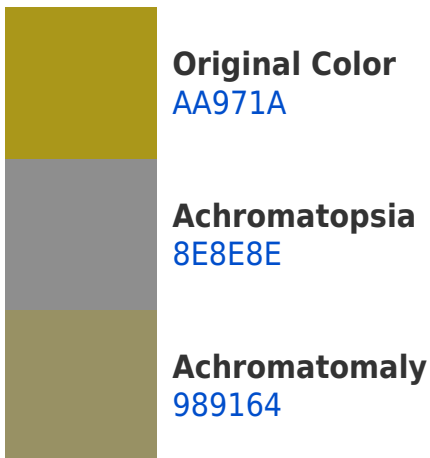


**Tritanopia**  
B38D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA971A 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 #AA971A looks like.

```
.text, #text, p{  
    color:#AA971A  
}
```

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 #AA971A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA971A
}
```

## Border

The CSS property to change the border of an element to Hex AA971A 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
#AA971A }
```

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

```
.border{ border-color:#AA971A }
```

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

Here you see how a box with a 4 pixel #AA971A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA971A; -webkit-box-shadow:4px 4px  
4px 4px #AA971A; box-shadow:4px 4px 4px  
4px #AA971A }
```

# Background

The CSS property to change the background color of an element to Hex AA971A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA971A }
```

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

```
.background{ background-color:#AA971A }
```

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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