

# Converting Colors

Hex(AA970F)

Have a look what the booklet for  
Hex(AA970F) contains.

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**Color**

**Hex(AA970F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA970F
RGB	170, 151, 15
RGB Percent	67%, 59%, 6%
CMY	0.3333, 0.4078, 0.9412
CMYK	0.00, 0.11, 0.91, 0.33
HSL	53°, 84%, 36%
HSV	53°, 91%, 67%
XYZ	27.7304, 30.7138, 4.9187
YIQ	141.1770, 54.9800, -38.2680

# Conversions

## Conversions Part 2

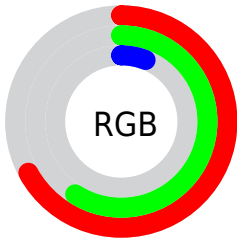
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 170, 15
Decimal	11179791
CIELab	62.27, -5.73, 63.71
CIELCh	62, 63.967, 95.138
Yxy	30.7138, 0.4376, 0.4847
Android (android.graphics.Color)	4289369871 (0xFFAA970F)
YUV	141.1770, -62.2053, 25.2778
Hunter-Lab	55.4200, -7.6693, 33.5318

# Details

The Hex color **AA970F** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0F22AA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E5CD4E**, and **716500** is the 20% darker color. If you saturate the color by 10%, you get **AA9500**, and if you desaturate by 10%, it is **AA9920**.

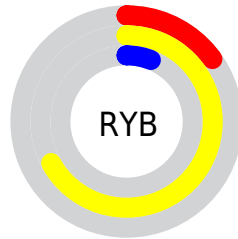
# Distribution



Red (67%)

Green (59%)

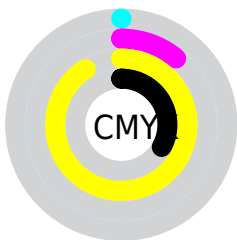
Blue (6%)



Red (15%)

Yellow (67%)

Blue (6%)

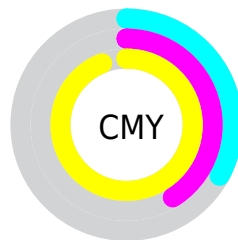


Cyan (0%)

Magenta (11%)

Yellow (91%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA970F 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 AA970F by changing the saturation by 10% instead.



■ AA970F

■ AA970F

FFFFFF

■ 8D7D00

■ E5CD4E

■ 716500

■ FFE96A

■ 564D00

■ FFFF85

■ 3B3700

■ FFFFA1

■ 222200

■ FFFFBD

■ 000C00

■ FFFFDA

■ 000000

■ FFFFF7

■ AA970F

■ AA970F

■ AA9500

■ AA9920

■ AA9B31

■ AA9D42

■ AA9F53

■ AAA164

■ AAA475

■ AAA686

■ AAA897

■ AAAAA8

# Harmonies

## Analogous

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



D8822A



AA970F



6FA630

# Triad

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



AA970F



00B0D7



E26AC7

# Complementary

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



AA970F



0F22AA

# 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.



A483F4



AA970F



00A9FD

# Square

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



AA970F



00B19F



009AFF



FC5E8F

# Rectangle

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



AA970F



33AC52



009AFF



D272D8



# Sweetspot

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



AA970F



DED7A2



AA0F24



706C4C



F0F0F0



707070



# Same Dimension

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



AA970F



DEC300



71AA0F



54534C



948200



141200



# Inverse Universe

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



0F22AA



001BDE



480FAA



4C4D54



001294

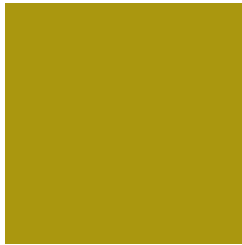


000314



# Previews

## White Background



This preview shows how the Hex color AA970F looks on a white background.

## Color Contrast Check

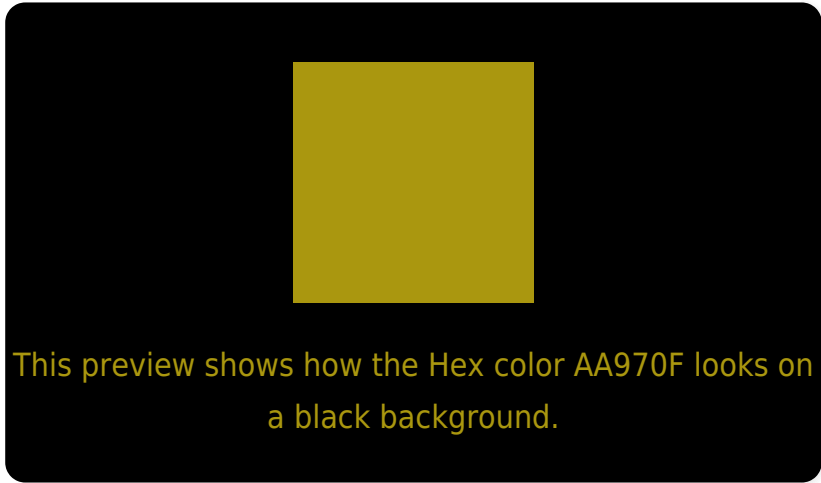
Large Text (above 18pt) WCAG AA × Fail

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 AA970F Background



This preview shows how black text looks on a background with the Hex color AA970F.



This preview shows how white text looks on a background with the Hex color AA970F.

# 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**  
AA970F

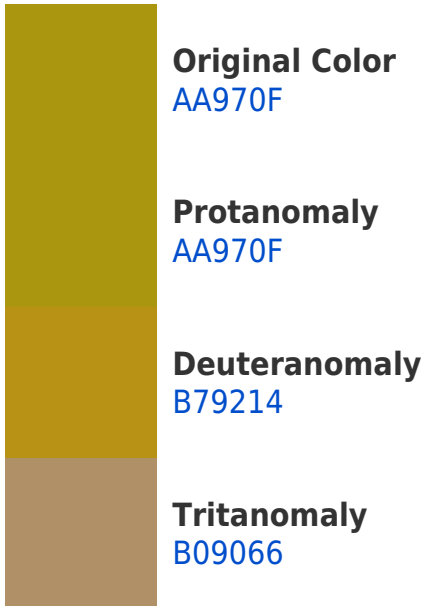
**Protanopia**  
AA970F

**Deuteranopia**  
BE8F17

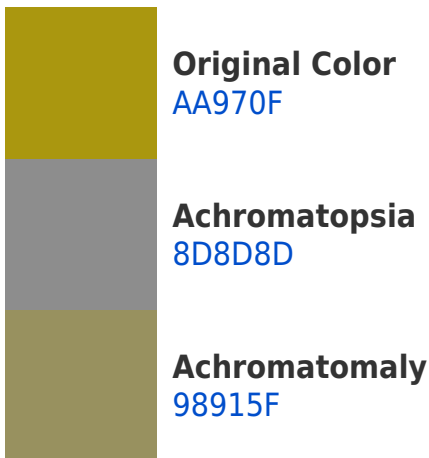


**Tritanopia**  
B38C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA970F 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 #AA970F looks like.

```
.text, #text, p{  
    color:#AA970F  
}
```

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 #AA970F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA970F
}
```

## Border

The CSS property to change the border of an element to Hex AA970F 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
#AA970F }
```

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

```
.border{ border-color:#AA970F }
```

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

Here you see how a box with a 4 pixel #AA970F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA970F; -webkit-box-shadow:4px 4px  
4px 4px #AA970F; box-shadow:4px 4px 4px  
4px #AA970F }
```

# Background

The CSS property to change the background color of an element to Hex AA970F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA970F }
```

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

```
.background{ background-color:#AA970F }
```

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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