

Converting Colors

Hex(AA9921)

Have a look what the booklet for
Hex(AA9921) contains.

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Color

Hex(AA9921)

Conversions

Conversions Part 1

Format	Color
Hex	AA9921
RGB	170, 153, 33
RGB Percent	67%, 60%, 13%
CMY	0.3333, 0.4000, 0.8706
CMYK	0.00, 0.10, 0.81, 0.33
HSL	53°, 67%, 40%
HSV	53°, 81%, 67%
XYZ	28.2433, 31.4383, 6.0185
YIQ	144.4030, 48.6520, -33.7160

Conversions

Conversions Part 2

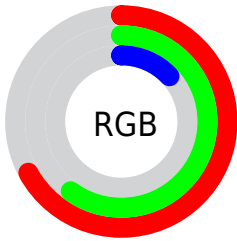
Format	Color
RYB	52, 170, 33
Decimal	11180321
CIELab	62.88, -6.33, 59.81
CIELCh	63, 60.141, 96.041
Yxy	31.4383, 0.4299, 0.4785
Android (android.graphics.Color)	4289370401 (0xFFAA9921)
YUV	144.4030, -54.9217, 22.4486
Hunter-Lab	56.0699, -8.2090, 32.8848

Details

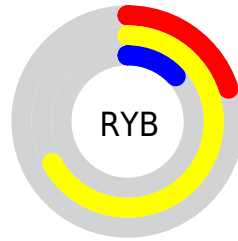
The Hex color **AA9921** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2132AA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E5CF59**, and **726600** is the 20% darker color. If you saturate the color by 10%, you get **AA9710**, and if you desaturate by 10%, it is **AA9B32**.

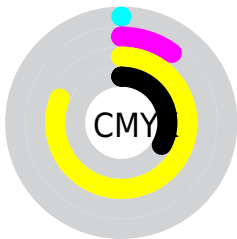
Distribution



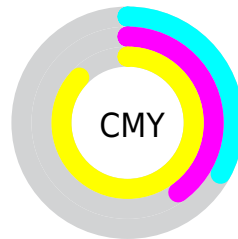
- Red (67%)
- Green (60%)
- Blue (13%)



- Red (20%)
- Yellow (67%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA9921 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 AA9921 by changing the saturation by 10% instead.

 AA9921

 AA9921

FFFFFF

 8E7F00

 E5CF59

 726600

 FFE774

 574F00

 FFFF8F

 3C3800

 FFFFAB

 232300

 FFFFC7

 000E00

 FFFFEE

 000000

 AA9921

 AA9921

 AA9710

 AA9B32

■ AA9500

■ AA9D43

■ AA9F54

■ AAA165

■ AAA476

■ AAA687

■ AAA898

■ AAAAA9

■ AAACBA

Harmonies

Analogous

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



D68533



AA9921



72A73B

Triad

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



AA9921



00B0D6



E16FC5

Complementary

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



AA9921



2132AA

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.



A885EF



AA9921



00A9F9

Square

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



AA9921



00B2A2



319BFF



F9658F

Rectangle

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



AA9921



3CAD59



319BFF



D276D5

Sweetspot

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



AA9921



DED7A9



AA2133



706C50



F0F0F0



707070

Same Dimension

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



AA9921



DEC307



78AA21



54534C



948200



141200

Inverse Universe

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



2132AA



0721DE



5321AA



4C4D54



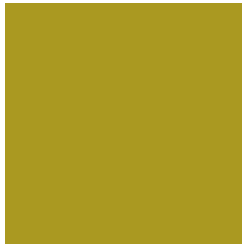
001294



000314

Previews

White Background



This preview shows how the Hex color AA9921 looks on a white background.

Color Contrast Check

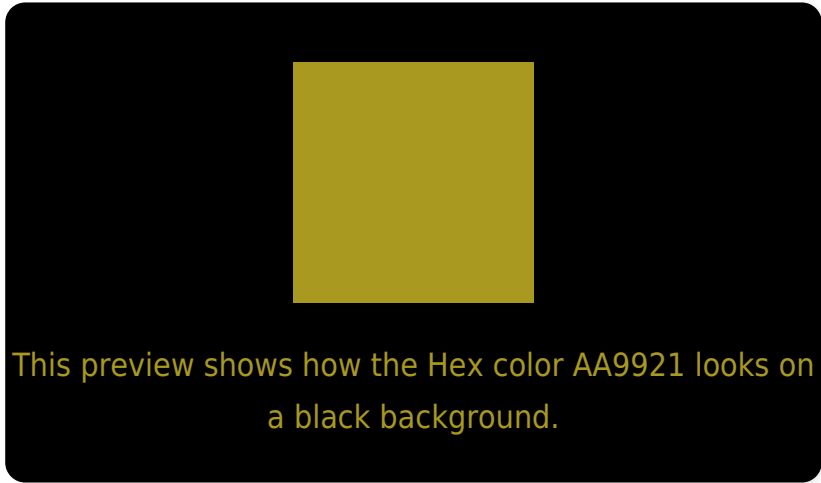
Large Text (above 18pt) WCAG AA × Fail

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 AA9921 Background



This preview shows how black text looks on a background with the Hex color AA9921.



This preview shows how white text looks on a background with the Hex color AA9921.

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
AA9921

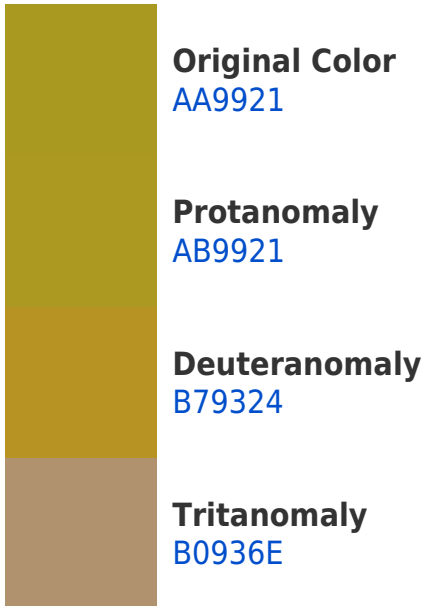
Protanopia
AB9921

Deuteranopia
BF9025

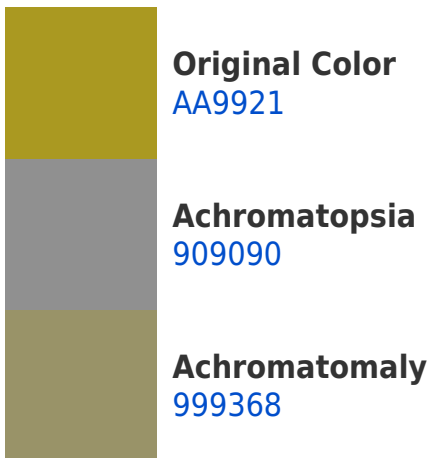


Tritanopia
B38F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA9921 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 #AA9921 looks like.

```
.text, #text, p{  
    color:#AA9921  
}
```

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 #AA9921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA9921
}
```

Border

The CSS property to change the border of an element to Hex AA9921 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
#AA9921 }
```

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

```
.border{ border-color:#AA9921 }
```

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

Here you see how a box with a 4 pixel #AA9921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA9921; -webkit-box-shadow:4px 4px  
4px 4px #AA9921; box-shadow:4px 4px 4px  
4px #AA9921 }
```

Background

The CSS property to change the background color of an element to Hex AA9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA9921 }
```

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

```
.background{ background-color:#AA9921 }
```

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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