

# Converting Colors

Hex(AA951D)

Have a look what the booklet for  
Hex(AA951D) contains.

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# **Color**

**Hex(AA951D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA951D
RGB	170, 149, 29
RGB Percent	67%, 58%, 11%
CMY	0.3333, 0.4157, 0.8863
CMYK	0.00, 0.12, 0.83, 0.33
HSL	51°, 71%, 39%
HSV	51°, 83%, 67%
XYZ	27.5468, 30.1296, 5.5261
YIQ	141.5990, 51.0360, -32.8680

# Conversions

## Conversions Part 2

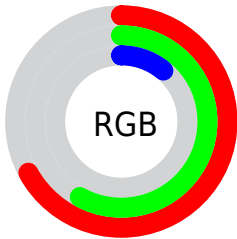
Format	Color
<a href="#">RYB</a>	54, 170, 29
Decimal	11179293
CIELab	61.77, -4.31, 60.03
CIELCh	62, 60.185, 94.107
Yxy	30.1296, 0.4358, 0.4767
Android (android.graphics.Color)	4289369373 (0xFFAA951D)
YUV	141.5990, -55.5113, 24.9077
Hunter-Lab	54.8905, -6.4781, 32.4543

# Details

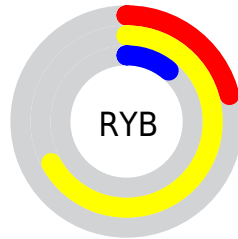
The Hex color **AA951D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D32AA**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **E5CB56**, and **726300** is the 20% darker color. If you saturate the color by 10%, you get **AA920C**, and if you desaturate by 10%, it is **AA982E**.

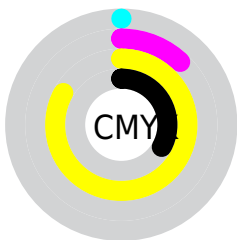
# Distribution



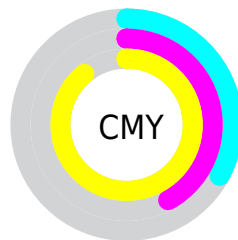
- Red (67%)
- Green (58%)
- Blue (11%)



- Red (21%)
- Yellow (67%)
- Blue (11%)



- Cyan (0%)
- Magenta (12%)
- Yellow (83%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (89%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA951D 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 AA951D by changing the saturation by 10% instead.



■ AA951D

■ AA951D

FFFFFF

■ 8D7B00

■ E5CB56

■ 726300

■ FFE771

■ 574B00

■ FFFF8C

■ 3C3500

■ FFFFA7

■ 232000

■ FFFFC4

■ 000A00

■ FFFFEO

■ 000000

FFFFFFE

■ AA951D

■ AA951D

■ AA920C

■ AA982E

■ AA9100

■ AA9A3F

■ AA9D50

■ AA9F61

■ AAA272

■ AAA483

■ AAA794

■ AAA9A5

■ AAACB6

# Harmonies

## Analogous

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



D58132



AA951D



73A335

# Triad

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



AA951D



00AED0



DB6DC5

# Complementary

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



AA951D



1D32AA

# 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.



A084EE



AA951D



00A7F5

# Square

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



AA951D



00AF9B



0F99FF



F56290

# Rectangle

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



AA951D



40A953



0F99FF



CC74D4



# Sweetspot

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



AA951D



DED6A6



AA1D32



706B4F



F0F0F0



707070



# Same Dimension

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



AA951D



DEBD00



79AA1D



54534C



947E00



141100



# Inverse Universe

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



1D32AA



0021DE



4E1DAA



4C4D54



001694

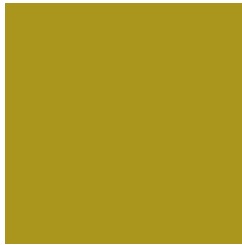


000314



# Previews

## White Background



This preview shows how the Hex color AA951D looks on a white background.

## Color Contrast Check

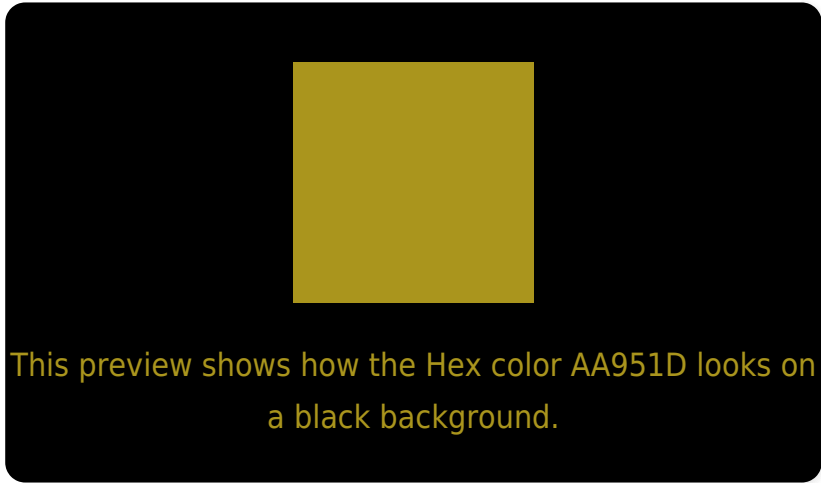
Large Text (above 18pt) WCAG AA × Fail

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 AA951D Background



This preview shows how black text looks on a background with the Hex color AA951D.



This preview shows how white text looks on a background with the Hex color AA951D.

# 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**  
AA951D

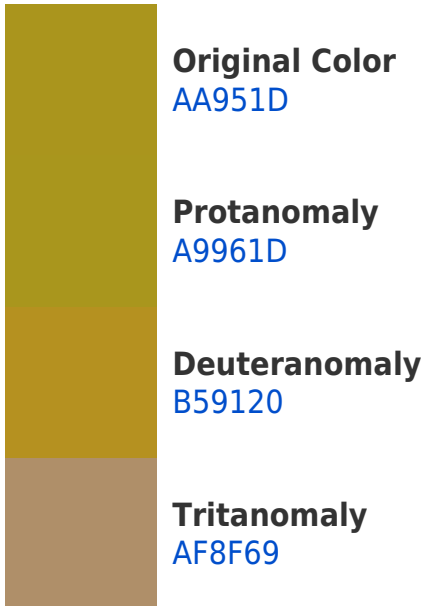
**Protanopia**  
A8961D

**Deuteranopia**  
BC8E21

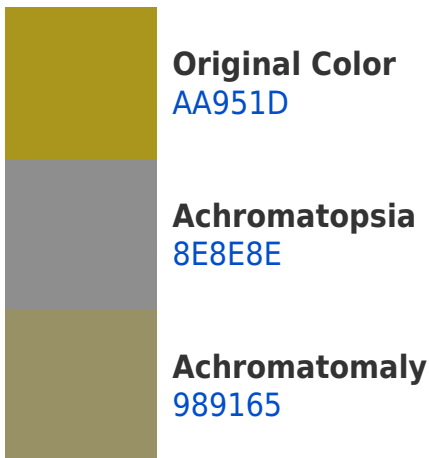


**Tritanopia**  
B28B95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA951D 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 #AA951D looks like.

```
.text, #text, p{  
    color:#AA951D  
}
```

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 #AA951D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA951D
}
```

## Border

The CSS property to change the border of an element to Hex AA951D 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
#AA951D }
```

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

```
.border{ border-color:#AA951D }
```

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

Here you see how a box with a 4 pixel #AA951D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA951D; -webkit-box-shadow:4px 4px  
4px 4px #AA951D; box-shadow:4px 4px 4px  
4px #AA951D }
```

# Background

The CSS property to change the background color of an element to Hex AA951D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA951D }
```

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

```
.background{ background-color:#AA951D }
```

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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