

Converting Colors

Hex(A9700D)

Have a look what the booklet for
Hex(A9700D) contains.

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Color

Hex(A9700D)

Conversions

Conversions Part 1

Format	Color
Hex	A9700D
RGB	169, 112, 13
RGB Percent	66%, 44%, 5%
CMY	0.3373, 0.5608, 0.9490
CMYK	0.00, 0.34, 0.92, 0.34
HSL	38°, 86%, 36%
HSV	38°, 92%, 66%
XYZ	22.2290, 20.0524, 3.0797
YIQ	117.7570, 65.7510, -18.7050

Conversions

Conversions Part 2

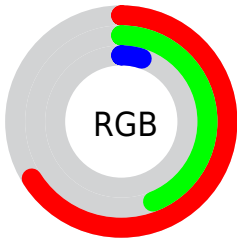
Format	Color
R_{YB}	103, 169, 13
Decimal	11104269
CIE _{Lab}	51.90, 15.40, 56.13
CIE _{LCh}	52, 58.200, 74.657
Yxy	20.0524, 0.4900, 0.4421
Android (android.graphics.Color)	4289294349 (0xFFA9700D)
YUV	117.7570, -51.6452, 44.9401
Hunter-Lab	44.7799, 10.2435, 27.2684

Details

The Hex color **A9700D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D46A9**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **E5A447**, and **704000** is the 20% darker color. If you saturate the color by 10%, you get **A96B00**, and if you desaturate by 10%, it is **A9761E**.

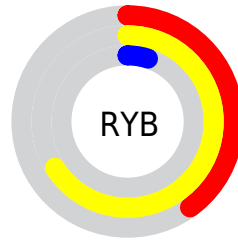
Distribution



Red (66%)

Green (44%)

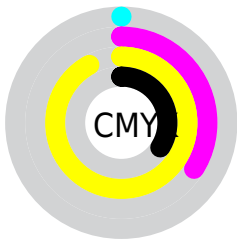
Blue (5%)



Red (40%)

Yellow (66%)

Blue (5%)

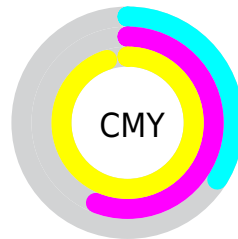


Cyan (0%)

Magenta (34%)

Yellow (92%)

Black (34%)



Cyan (34%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9700D 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 A9700D by changing the saturation by 10% instead.

 A9700D

 A9700D

FFFFFF

 8C5800

 E5A447

 704000

 FFBF61

 532A00

 FFDA7B

 381500

 FFF796

 210000

 FFFFB2

 000000

 FFFFCE

 FFFFEA

 A9700D

 A9700D

■ A96B00

■ A9761E

■ A97C2F

■ A98340

■ A98951

■ A98F61

■ A99572

■ A99B83

■ A9A194

■ A9A8A5

Harmonies

Analogous

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



C85B37



A9700D



7D8101

Triad

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



A9700D



009394



9D63C3

Complementary

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



A9700D



0D46A9

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.



4279DD



A9700D



0091C1

Square

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



A9700D



009160



0089DC



C84E97

Rectangle

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



A9700D



598920



0089DC



866BCE

Sweetspot

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



A9700D



DBC59E



A90D46



6E6048



EDEDED



6E6E6E

Same Dimension

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



A9700D



DB8B00



94A90D



54514C



945E00



140D00

Inverse Universe

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



0D46A9



0050DB



220DA9



4C4F54



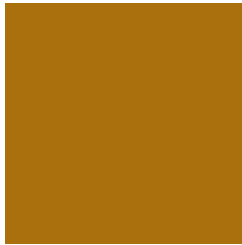
003694



000714

Previews

White Background



This preview shows how the Hex color A9700D looks on a white background.

Color Contrast Check

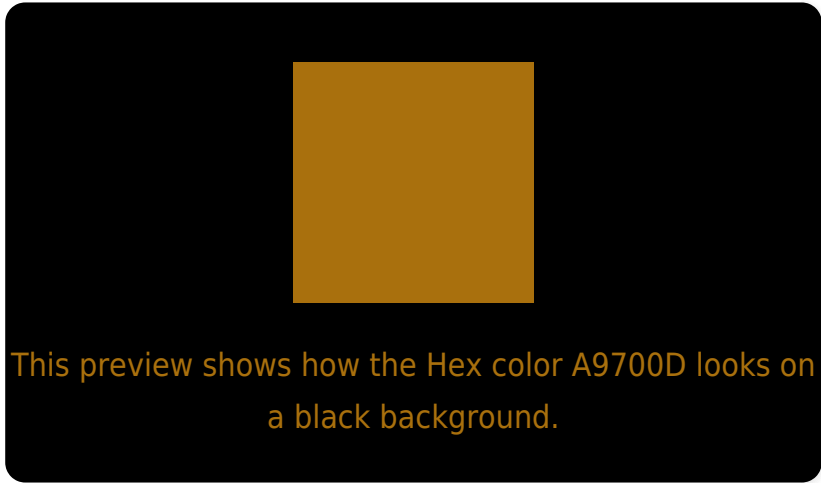
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A9700D Background



This preview shows how black text looks on a background with the Hex color A9700D.



This preview shows how white text looks on a background with the Hex color A9700D.

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
A9700D

Protanopia
8C7D11

Deuteranopia
9D7600

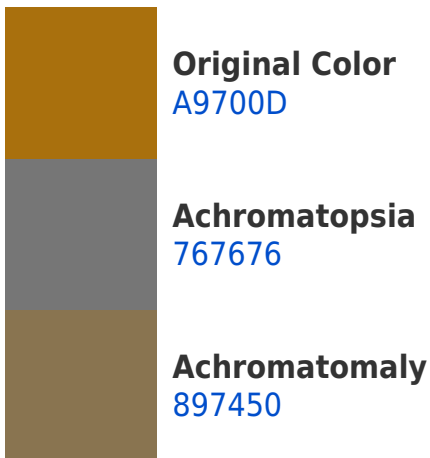


Tritanopia
AE6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9700D 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 #A9700D looks like.

```
.text, #text, p{  
    color:#A9700D  
}
```

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 #A9700D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9700D
}
```

Border

The CSS property to change the border of an element to Hex A9700D 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
#A9700D }
```

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

```
.border{ border-color:#A9700D }
```

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

Here you see how a box with a 4 pixel #A9700D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9700D; -webkit-box-shadow:4px 4px  
4px 4px #A9700D; box-shadow:4px 4px 4px  
4px #A9700D }
```

Background

The CSS property to change the background color of an element to Hex A9700D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9700D }
```

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

```
.background{ background-color:#A9700D }
```

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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