

# Converting Colors

Hex(A7941D)

Have a look what the booklet for  
Hex(A7941D) contains.

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**Color**

**Hex(A7941D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7941D
RGB	167, 148, 29
RGB Percent	65%, 58%, 11%
CMY	0.3451, 0.4196, 0.8863
CMYK	0.00, 0.11, 0.83, 0.35
HSL	52°, 70%, 38%
HSV	52°, 83%, 65%
XYZ	26.7480, 29.4840, 5.4436
YIQ	140.1150, 49.5230, -32.9810

# Conversions

## Conversions Part 2

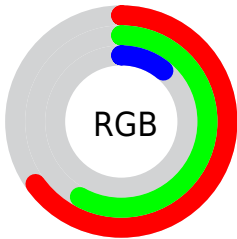
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 167, 29
Decimal	10982429
CIELab	61.21, -5.13, 59.44
CIELCh	61, 59.657, 94.931
Yxy	29.4840, 0.4337, 0.4780
Android (android.graphics.Color)	4289172509 (0xFFA7941D)
YUV	140.1150, -54.7797, 23.5781
Hunter-Lab	54.2992, -7.0936, 32.0655

# Details

The Hex color **A7941D** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D30A7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E1CA56**, and **6F6200** is the 20% darker color. If you saturate the color by 10%, you get **A7920C**, and if you desaturate by 10%, it is **A7962E**.

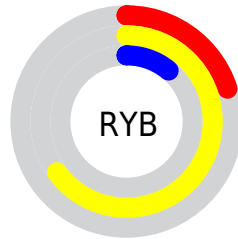
# Distribution



Red (65%)

Green (58%)

Blue (11%)



Red (20%)

Yellow (65%)

Blue (11%)

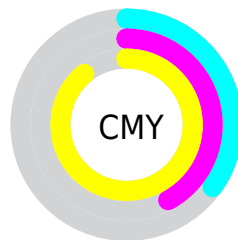


Cyan (0%)

Magenta (11%)

Yellow (83%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7941D 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 A7941D by changing the saturation by 10% instead.



 A7941D

 A7941D

FFFFFF

 8B7A00

 E1CA56

 6F6200

 FFE670

 544A00

 FFFF8B

 393400

 FFFFA7

 211F00

 FFFFC3

 000800

 FFFFEO

 000000

 FFFFFD

 A7941D

 A7941D

 A7920C

 A7962E

 A79000

 A7993E

 A79B4F

 A79D60

 A79F70

 A7A281

 A7A492

 A7A6A3

 A7A9B3

# Harmonies

## Analogous

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



D28031



A7941D



70A236

# Triad

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



A7941D



00ACCF



DA6CC1

# Complementary

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



A7941D



1D30A7

# 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.



A182EB



A7941D



00A5F3

# Square

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



A7941D



00AD9B



1E97FD



F2618D

# Rectangle

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



A7941D



3CA854



1E97FD



CB73D1



# Sweetspot

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



A7941D



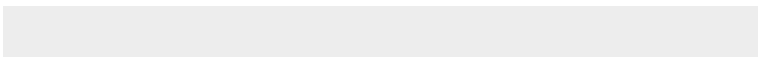
D9D1A3



A71D32



6E694D



EDEDED



6E6E6E



# Same Dimension

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



A7941D



D9BB02



77A71D



54534C



948000



141200



# Inverse Universe

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



1D30A7



0220D9



4D1DA7



4C4D54



001494

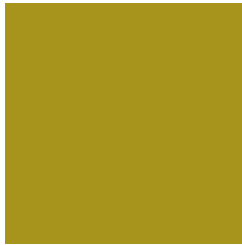


000314



# Previews

## White Background



This preview shows how the Hex color A7941D looks on a white background.

## Color Contrast Check

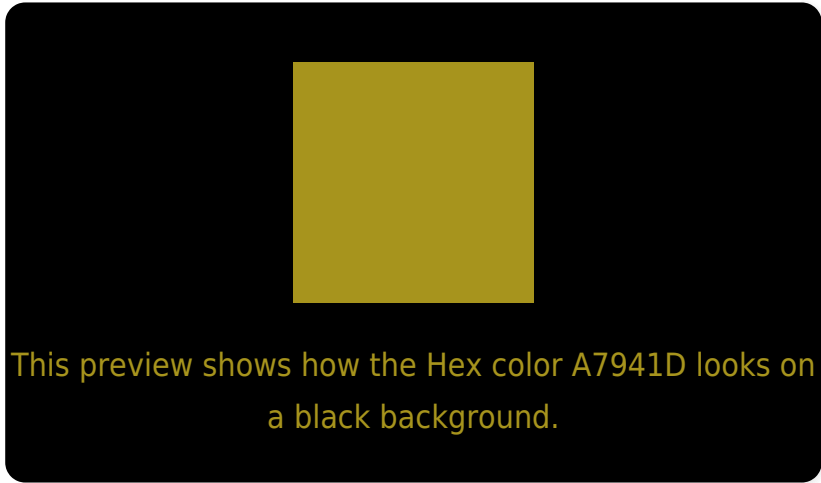
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7941D Background



This preview shows how black text looks on a background with the Hex color A7941D.



This preview shows how white text looks on a background with the Hex color A7941D.

# 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**  
A7941D

**Protanopia**  
A6941D

**Deuteranopia**  
BA8C21



**Tritanopia**  
AF8A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7941D 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 #A7941D looks like.

```
.text, #text, p{  
    color:#A7941D  
}
```

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 #A7941D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7941D
}
```

## Border

The CSS property to change the border of an element to Hex A7941D 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
#A7941D }
```

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

```
.border{ border-color:#A7941D }
```

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

Here you see how a box with a 4 pixel #A7941D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7941D; -webkit-box-shadow:4px 4px  
4px 4px #A7941D; box-shadow:4px 4px 4px  
4px #A7941D }
```

# Background

The CSS property to change the background color of an element to Hex A7941D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7941D }
```

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

```
.background{ background-color:#A7941D }
```

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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