

# Converting Colors

Hex(A29222)

Have a look what the booklet for  
Hex(A29222) contains.

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**Color**

**Hex(A29222)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A29222
RGB	162, 146, 34
RGB Percent	64%, 57%, 13%
CMY	0.3647, 0.4275, 0.8667
CMYK	0.00, 0.10, 0.79, 0.36
HSL	52°, 65%, 38%
HSV	52°, 79%, 64%
XYZ	25.4679, 28.3546, 5.6441
YIQ	138.0160, 45.4880, -31.4400

# Conversions

## Conversions Part 2

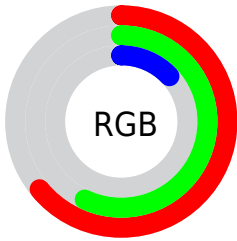
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">52, 162, 34</a>
Decimal	<a href="#">10654242</a>
CIELab	<a href="#">60.21, -6.14, 56.82</a>
CIELCh	<a href="#">60, 57.151, 96.164</a>
Yxy	<a href="#">28.3546, 0.4283, 0.4768</a>
Android (android.graphics.Color)	<a href="#">4288844322 (0xFFA29222)</a>
YUV	<a href="#">138.0160, -51.2799, 21.0340</a>
Hunter-Lab	<a href="#">53.2491, -7.8131, 30.9900</a>

# Details

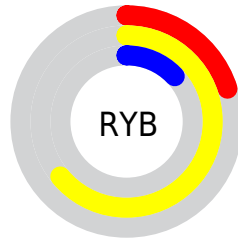
The Hex color **A29222** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2232A2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DCC859**, and **6A6000** is the 20% darker color. If you saturate the color by 10%, you get **A29012**, and if you desaturate by 10%, it is **A29432**.

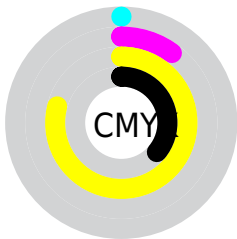
# Distribution



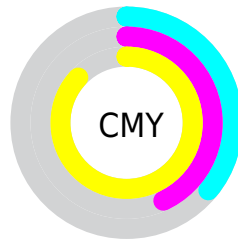
- Red (64%)
- Green (57%)
- Blue (13%)



- Red (20%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (79%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A29222 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 A29222 by changing the saturation by 10% instead.





A29222



A29222

FFFFFF



867800



DCC859



6A6000



FAE473



504800



FFFF8E



363200



FFFFAA



1D1E00



FFFFC6



000100



FFFFE3



000000



A29222



A29222



A29012



A29432

 A28E02

 A29642

 A28E00

 A29853

 A29A63

 A29C73

 A29E83

 A2A093

 A2A2A4

 A2A4B4

# Harmonies

## Analogous

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



CC8032



A29222



6D9F3A

# Triad

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



A29222



00A8CB



D66BBB

# Complementary

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



A29222



2232A2

# 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.



A17FE3



A29222



00A1ED

# Square

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



A29222



00A99A



3493F5



EC6289

# Rectangle

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



A29222



3BA556



3493F5



C871CA



# Sweetspot

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



A29222



D4CDA1



A22233



6B674C



EBEBEB



6B6B6B



# Same Dimension

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



A29222



D4BB0B



73A222



525149



917F00



121000



# Inverse Universe

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



2232A2



0B24D4



5122A2



494A52



001291



000212



# Previews

## White Background



This preview shows how the Hex color A29222 looks on a white background.

## Color Contrast Check

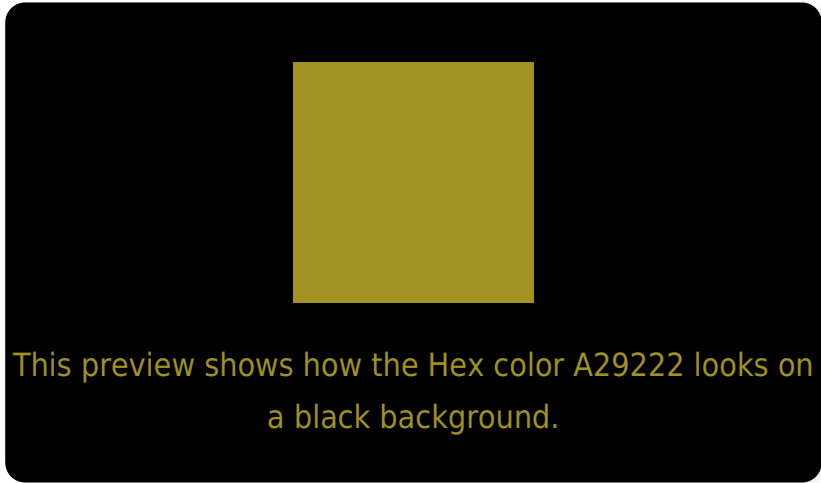
Large Text (above 18pt) WCAG AA ✓ Pass

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 A29222 Background



This preview shows how black text looks on a background with the Hex color A29222.



This preview shows how white text looks on a background with the Hex color A29222.

# 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**  
A29222

**Protanopia**  
A39222

**Deuteranopia**  
B68A26

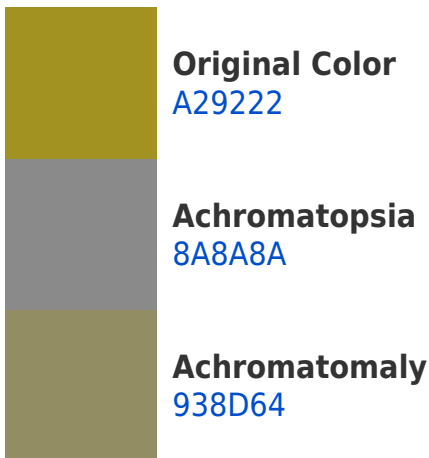


**Tritanopia**  
AA8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A29222 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 #A29222 looks like.

```
.text, #text, p{  
    color:#A29222  
}
```

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 #A29222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A29222
}
```

## Border

The CSS property to change the border of an element to Hex A29222 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
#A29222 }
```

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

```
.border{ border-color:#A29222 }
```

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

Here you see how a box with a 4 pixel #A29222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A29222; -webkit-box-shadow:4px 4px  
4px 4px #A29222; box-shadow:4px 4px 4px  
4px #A29222 }
```

# Background

The CSS property to change the background color of an element to Hex A29222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A29222 }
```

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

```
.background{ background-color:#A29222 }
```

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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