

# Converting Colors

Hex(A29C12)

Have a look what the booklet for  
Hex(A29C12) contains.

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# Color

Hex(A29C12)

# Conversions

## Conversions Part 1

Format	Color
Hex	A29C12
RGB	162, 156, 18
RGB Percent	64%, 61%, 7%
CMY	0.3647, 0.3882, 0.9294
CMYK	0.00, 0.04, 0.89, 0.36
HSL	58°, 80%, 35%
HSV	58°, 89%, 64%
XYZ	26.8979, 31.5020, 5.2351
YIQ	142.0620, 47.8740, -41.6460

# Conversions

## Conversions Part 2

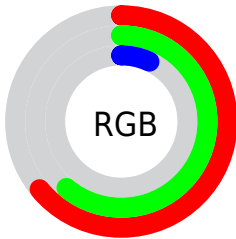
Format	Color
<a href="#">RYB</a>	<a href="#">24, 162, 18</a>
Decimal	<a href="#">10656786</a>
CIELab	<a href="#">62.93, -11.94, 63.36</a>
CIELCh	<a href="#">63, 64.475, 100.674</a>
Yxy	<a href="#">31.5020, 0.4227, 0.4950</a>
Android (android.graphics.Color)	<a href="#">4288846866</a> ( <a href="#">0xFFA29C12</a> )
YUV	<a href="#">142.0620, -61.1626, 17.4856</a>
Hunter-Lab	<a href="#">56.1266, -12.6779, 33.7585</a>

# Details

The Hex color **A29C12** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1218A2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **DCD250**, and **6A6900** is the 20% darker color. If you saturate the color by 10%, you get **A29B02**, and if you desaturate by 10%, it is **A29D22**.

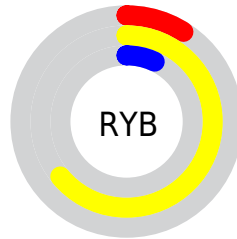
# Distribution



Red (64%)

Green (61%)

Blue (7%)



Red (9%)

Yellow (64%)

Blue (7%)

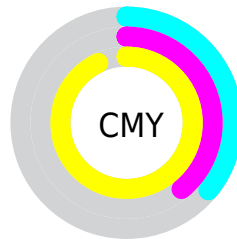


Cyan (0%)

Magenta (4%)

Yellow (89%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A29C12 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 A29C12 by changing the saturation by 10% instead.





A29C12



A29C12

FFFFFF



868200



DCD250



6A6900



FAEE6C



4F5100



FFFF87



353A00



FFFFA3



1C2500



FFFFBF



001200



FFFFDC



000000



FFFFF9



A29C12



A29C12

 A29B02

 A29D22

 A29B00

 A29D32

 A29E43

 A29F53

 A29F63

 A2A073

 A2A183

 A2A194

 A2A2A4

# Harmonies

## Analogous

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



D38823



A29C12



63A93A

# Triad

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



A29C12



00B1E2



EC68C0

# Complementary

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



A29C12



1218A2

# 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.



B580F0



A29C12



00A9FF

# Square

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



A29C12



00B3AC



4198FF



FF6086

# Rectangle

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



A29C12



09AF5D



4198FF



DE6FD1



# Sweetspot

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



A29C12



D4D19B



A21219



6B6A49



EBEBEB



6B6B6B



# Same Dimension

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



A29C12



D4CB00



61A212



525149



918B00



121100



# Inverse Universe

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



1218A2



0009D4



5312A2



494A52



000691



000112



# Previews

## White Background



This preview shows how the Hex color A29C12 looks on a white background.

## Color Contrast Check

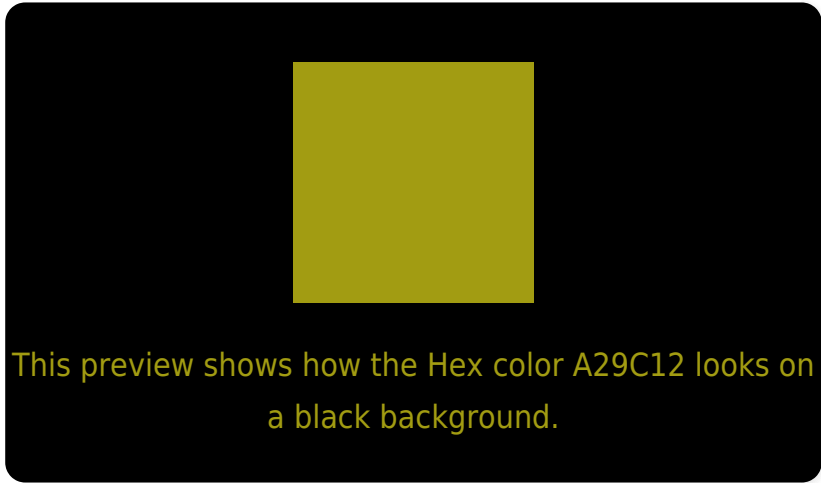
Large Text (above 18pt) WCAG AA × Fail

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 A29C12 Background



This preview shows how black text looks on a background with the Hex color A29C12.



This preview shows how white text looks on a background with the Hex color A29C12.

# 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**  
A29C12

**Protanopia**  
AC9911

**Deuteranopia**  
C0901C



**Tritanopia**  
AC919C

# Trichromacy



**Original Color**  
A29C12

**Protanomaly**  
A89A11

**Deuteranomaly**  
B59418

**Tritanomaly**  
A8956A

# Monochromacy



**Original Color**  
A29C12

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
959361

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A29C12 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 #A29C12 looks like.

```
.text, #text, p{  
    color:#A29C12  
}
```

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 #A29C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A29C12
}
```

## Border

The CSS property to change the border of an element to Hex A29C12 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
#A29C12 }
```

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

```
.border{ border-color:#A29C12 }
```

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

Here you see how a box with a 4 pixel #A29C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A29C12; -webkit-box-shadow:4px 4px  
4px 4px #A29C12; box-shadow:4px 4px 4px  
4px #A29C12 }
```

# Background

The CSS property to change the background color of an element to Hex A29C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A29C12 }
```

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

```
.background{ background-color:#A29C12 }
```

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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