

# Converting Colors

Hex(A9BF2C)

Have a look what the booklet for  
Hex(A9BF2C) contains.

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**Color**

**Hex(A9BF2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9BF2C
RGB	169, 191, 44
RGB Percent	66%, 75%, 17%
CMY	0.3373, 0.2510, 0.8275
CMYK	0.12, 0.00, 0.77, 0.25
HSL	69°, 63%, 46%
HSV	69°, 77%, 75%
XYZ	35.4476, 45.8785, 9.3700
YIQ	167.6640, 34.0750, -50.3810

# Conversions

## Conversions Part 2

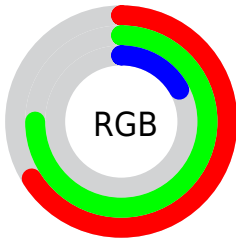
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 191, 66
Decimal	11124524
CIELab	73.47, -25.73, 65.95
CIELCh	73, 70.794, 111.311
Yxy	45.8785, 0.3908, 0.5058
Android (android.graphics.Color)	4289314604 (0xFFA9BF2C)
YUV	167.6640, -60.9664, 1.1717
Hunter-Lab	67.7336, -25.1180, 39.2116

# Details

The Hex color **A9BF2C** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **422CBF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **E3F766**, and **718A00** is the 20% darker color. If you saturate the color by 10%, you get **A6BF19**, and if you desaturate by 10%, it is **ACBF3F**.

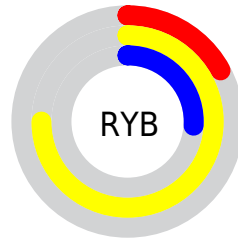
# Distribution



Red (66%)

Green (75%)

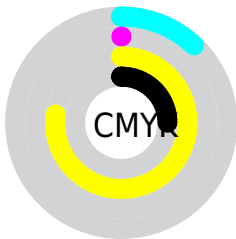
Blue (17%)



Red (17%)

Yellow (75%)

Blue (26%)

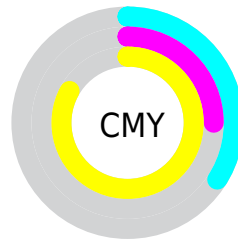


Cyan (12%)

Magenta (0%)

Yellow (77%)

Black (25%)



Cyan (34%)

Magenta (25%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9BF2C 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 A9BF2C by changing the saturation by 10% instead.



 A9BF2C

 A9BF2C

FFFFFF

 8DA400

 E3F766

 718A00

 FFFF82

 557000

 FFFF9E

 3B5800

 FFFFBA

 1F4000

 FFFFD7

 012A00

 FFFFF4

 001400

 000000

 A9BF2C

 A9BF2C

 A6BF19

 ACBF3F

 A3BF06

 AFBF52

 A2BF00

 B2BF65

 B4BF78

 B7BF8C

 BABF9F

 BDBFB2

 C0BFC5

 C3BFD8

# Harmonies

## Analogous

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



E6AB25



A9BF2C



56CC5E

# Triad

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



A9BF2C



00CEFF



FF78CA

# Complementary

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



A9BF2C



422CBF

# 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.



F18FFF



A9BF2C



00C1FF

# Square

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



A9BF2C



00D3E2



92ABFF



FF7A89

# Rectangle

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



A9BF2C



00D188



92ABFF



FF7EE0



# Sweetspot

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



A9BF2C



EFF7BE



BF402C



787D5A



FCFCFC



7D7D7D



# Same Dimension

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



A9BF2C



D5F714



62BF2C



5D5E55



869E00



1A1F00



# Inverse Universe

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



422CBF



3614F7



892CBF



56555E



18009E



05001F



# Previews

## White Background



This preview shows how the Hex color A9BF2C looks on a white background.

## Color Contrast Check

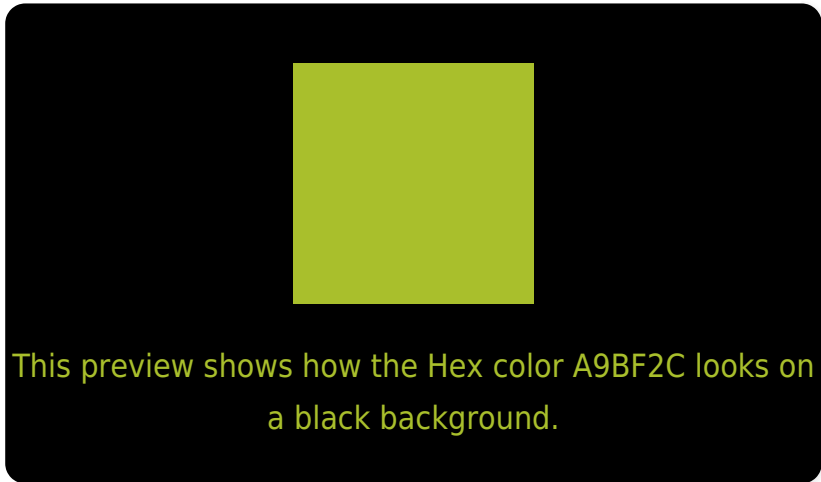
Large Text (above 18pt) WCAG AA × Fail

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 A9BF2C Background



This preview shows how black text looks on a background with the Hex color A9BF2C.

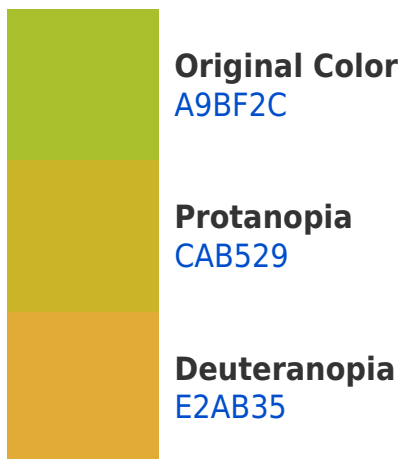


This preview shows how white text looks on a background with the Hex color A9BF2C.

# 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](#).

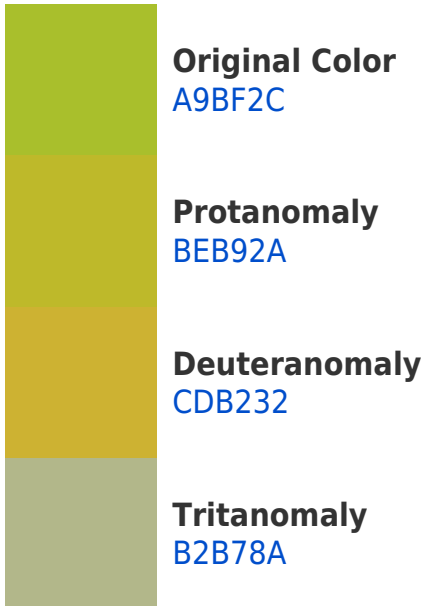
## Dichromacy





**Tritanopia**  
B7B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9BF2C 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 #A9BF2C looks like.

```
.text, #text, p{  
    color:#A9BF2C  
}
```

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 #A9BF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9BF2C
}
```

## Border

The CSS property to change the border of an element to Hex A9BF2C 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
#A9BF2C }
```

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

```
.border{ border-color:#A9BF2C }
```

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

Here you see how a box with a 4 pixel #A9BF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9BF2C; -webkit-box-shadow:4px 4px  
4px 4px #A9BF2C; box-shadow:4px 4px 4px  
4px #A9BF2C }
```

# Background

The CSS property to change the background color of an element to Hex A9BF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9BF2C }
```

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

```
.background{ background-color:#A9BF2C }
```

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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