

# Converting Colors

Hex(A2C52E)

Have a look what the booklet for  
Hex(A2C52E) contains.

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# Color

Hex(A2C52E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A2C52E
RGB	162, 197, 46
RGB Percent	64%, 77%, 18%
CMY	0.3647, 0.2275, 0.8196
CMYK	0.18, 0.00, 0.77, 0.23
HSL	74°, 62%, 48%
HSV	74°, 77%, 77%
XYZ	35.3597, 47.8111, 9.9496
YIQ	169.3210, 27.6110, -54.3810

# Conversions

## Conversions Part 2

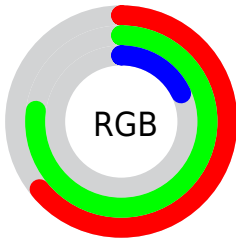
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 197, 81</a>
Decimal	<a href="#">10667310</a>
<a href="#">CIELab</a>	<a href="#">74.71, -31.37, 66.31</a>
<a href="#">CIElCh</a>	<a href="#">75, 73.351, 115.317</a>
<a href="#">Yxy</a>	<a href="#">47.8111, 0.3797, 0.5134</a>
Android (android.graphics.Color)	<a href="#">4288857390</a> ( <a href="#">0xFFA2C52E</a> )
<a href="#">YUV</a>	<a href="#">169.3210, -60.7973, -6.4205</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.1456, -29.7235, 39.8705</a>

# Details

The Hex color **A2C52E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **512EC5**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DCFE68**, and **6A8F00** is the 20% darker color. If you saturate the color by 10%, you get **9DC51A**, and if you desaturate by 10%, it is **A7C542**.

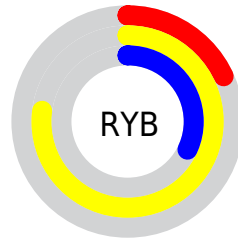
# Distribution



Red (64%)

Green (77%)

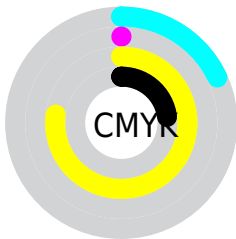
Blue (18%)



Red (18%)

Yellow (77%)

Blue (32%)

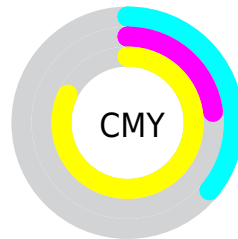


Cyan (18%)

Magenta (0%)

Yellow (77%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2C52E 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 A2C52E by changing the saturation by 10% instead.



 A2C52E

 A2C52E

FFFFFF

 86AA01

 DCFE68

 6A8F00

 FAFF84

 4E7500

 FFFFA0

 335D00

 FFFFBC

 154500

 FFFFD9

 002E00

 FFFFF7

 001900

 000000

 A2C52E

 A2C52E

■ 9DC51A

■ A7C542

■ 99C507

■ ABC555

■ 97C500

■ B0C569

■ B4C57D

■ B9C591

■ BDC5A4

■ C2C5B8

■ C7C5CC

■ CBC5DF

# Harmonies

## Analogous

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



E3B11D



A2C52E



41D167

# Triad

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



A2C52E



00D1FF



FF77C5

# Complementary

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



A2C52E



512EC5

# 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.



FF8CFF



A2C52E



00C3FF

# Square

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



A2C52E



00D7F0



A4AAFF



FF7D82

# Rectangle

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



A2C52E



00D693



A4AAFF



FF7CDC

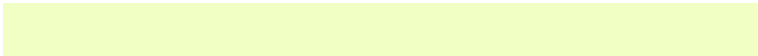


# Sweetspot

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



A2C52E



F1FFC4



C54F2E



77805C



000000



808080



# Same Dimension

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



A2C52E



C9FF14



59C52E



61635A



7DA300



1B2400



# Inverse Universe

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



512EC5



4B14FF



9A2EC5



5C5A63



2600A3



080024



# Previews

## White Background



This preview shows how the Hex color A2C52E looks on a white background.

## Color Contrast Check

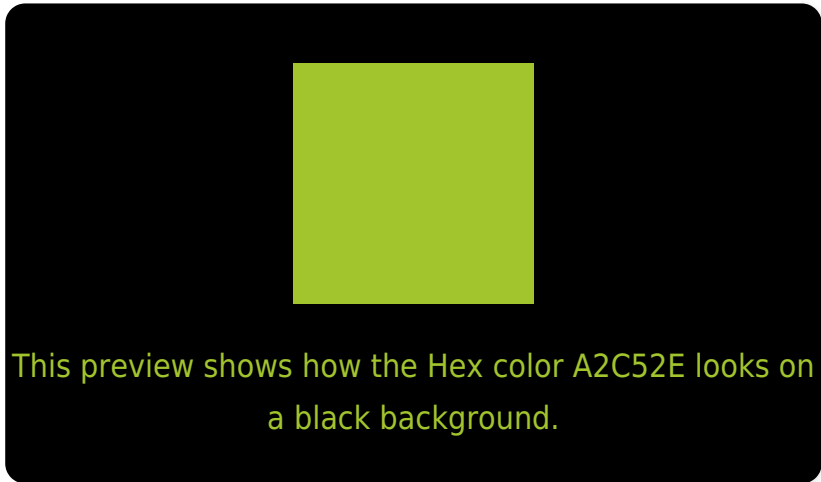
Large Text (above 18pt) WCAG AA × Fail

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 A2C52E Background



This preview shows how black text looks on a background with the Hex color A2C52E.

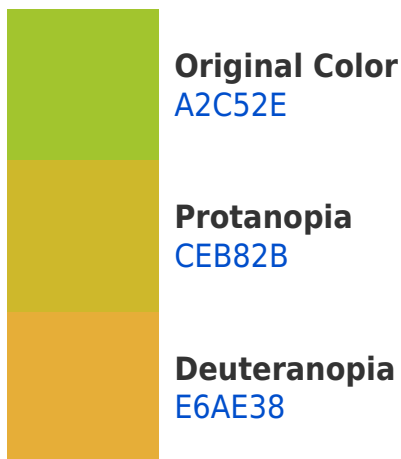


This preview shows how white text looks on a background with the Hex color A2C52E.

# 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](#).

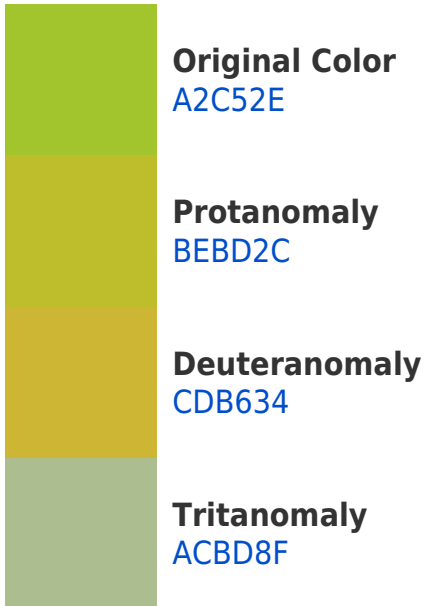
## Dichromacy



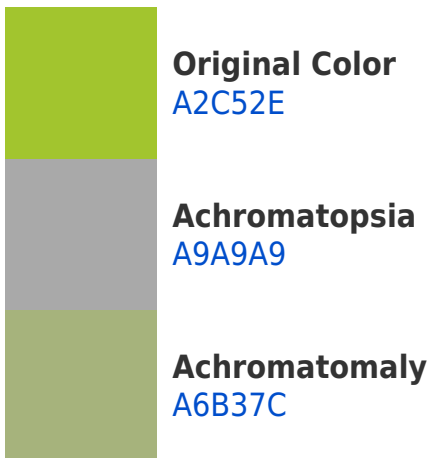


**Tritanopia**  
B2B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2C52E 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 #A2C52E looks like.

```
.text, #text, p{  
    color:#A2C52E  
}
```

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 #A2C52E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C52E
}
```

## Border

The CSS property to change the border of an element to Hex A2C52E 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
#A2C52E }
```

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

```
.border{ border-color:#A2C52E }
```

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

Here you see how a box with a 4 pixel #A2C52E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C52E; -webkit-box-shadow:4px 4px  
4px 4px #A2C52E; box-shadow:4px 4px 4px  
4px #A2C52E }
```

# Background

The CSS property to change the background color of an element to Hex A2C52E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C52E }
```

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

```
.background{ background-color:#A2C52E }
```

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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