

Converting Colors

Hex(A1C42A)

Have a look what the booklet for
Hex(A1C42A) contains.

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Color

Hex(A1C42A)

Conversions

Conversions Part 1

Format	Color
Hex	A1C42A
RGB	161, 196, 42
RGB Percent	63%, 77%, 16%
CMY	0.3686, 0.2314, 0.8353
CMYK	0.18, 0.00, 0.79, 0.23
HSL	74°, 65%, 47%
HSV	74°, 79%, 77%
XYZ	34.8558, 47.2241, 9.4686
YIQ	167.9790, 28.5740, -55.3140

Conversions

Conversions Part 2

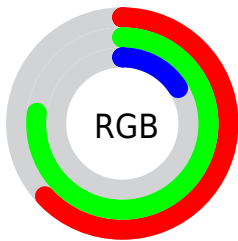
Format	Color
RYB	42, 196, 77
Decimal	10601514
CIELab	74.33, -31.48, 67.14
CIELCh	74, 74.151, 115.118
Yxy	47.2241, 0.3807, 0.5158
Android (android.graphics.Color)	4288791594 (0xFFA1C42A)
YUV	167.9790, -62.1076, -6.1206
Hunter-Lab	68.7198, -29.7215, 39.9346

Details

The Hex color **A1C42A** 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 **4D2AC4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DBFD65**, and **698E00** is the 20% darker color. If you saturate the color by 10%, you get **9DC416**, and if you desaturate by 10%, it is **A5C43E**.

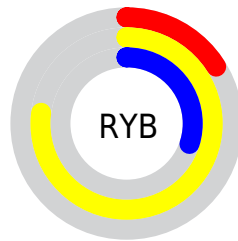
Distribution



Red (63%)

Green (77%)

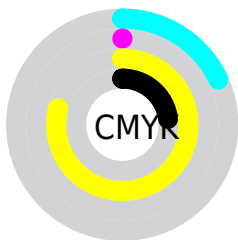
Blue (16%)



Red (16%)

Yellow (77%)

Blue (30%)

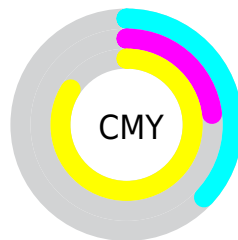


Cyan (18%)

Magenta (0%)

Yellow (79%)

Black (23%)



Cyan (37%)

Magenta (23%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1C42A 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 A1C42A by changing the saturation by 10% instead.

 A1C42A

 A1C42A

FFFFFF

 85A900

 DBFD65

 698E00

 F9FF81

 4D7400

 FFFF9D

 325C00

 FFFFB9

 134400

 FFFFD6

 002D00

 FFFFF4

 001800

 000000

 A1C42A

 A1C42A

■ 9DC416

■ A5C43E

■ 98C403

■ AAC451

■ 97C400

■ AEC465

■ B3C478

■ B7C48C

■ BCC4A0

■ C0C4B3

■ C5C4C7

■ C9C4DA

Harmonies

Analogous

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



E2B017



A1C42A



3FD064

Triad

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



A1C42A



00D1FF



FF75C5

Complementary

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



A1C42A



4D2AC4

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.



FE8BFF



A1C42A



00C2FF

Square

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



A1C42A



00D7EF



A2A9FF



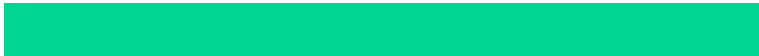
FF7A81

Rectangle

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



A1C42A



00D591



A2A9FF



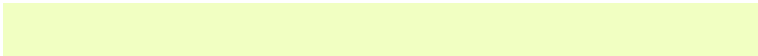
FF7ADC

Sweetspot

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



A1C42A



F1FFC2



C44B2A



77805B



000000



808080

Same Dimension

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



A1C42A



C9FF0F



56C42A



5F6157



7CA100



1A2100

Inverse Universe

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



4D2AC4



460FFF



982AC4



595761



2500A1



080021

Previews

White Background



This preview shows how the Hex color A1C42A looks on a white background.

Color Contrast Check

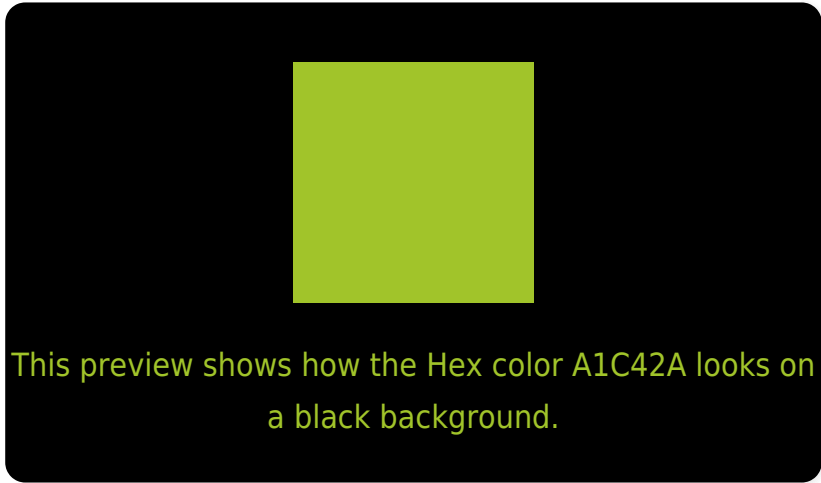
Large Text (above 18pt) WCAG AA × Fail

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 A1C42A Background



This preview shows how black text looks on a background with the Hex color A1C42A.

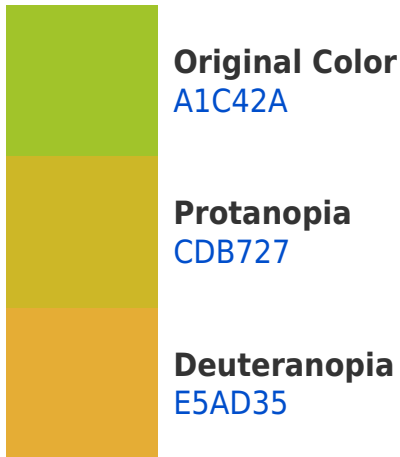


This preview shows how white text looks on a background with the Hex color A1C42A.

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](#).

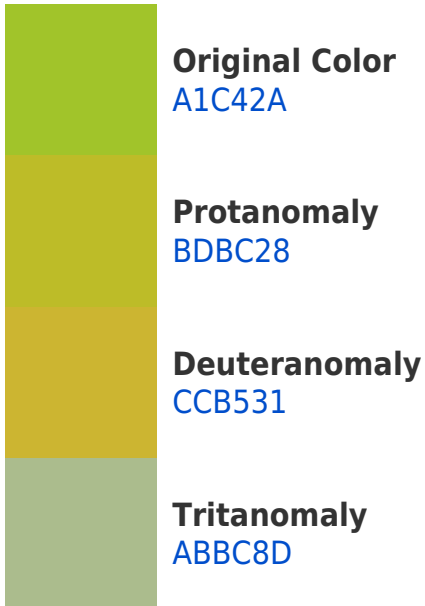
Dichromacy



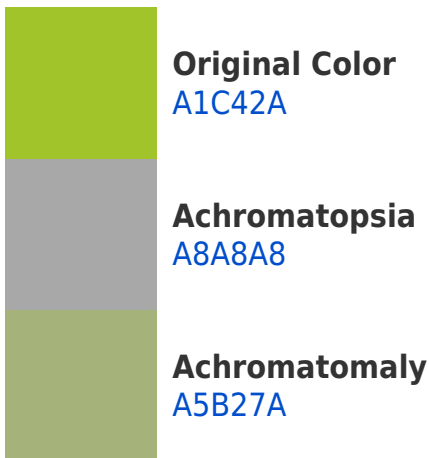


Tritanopia
B1B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1C42A 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 #A1C42A looks like.

```
.text, #text, p{  
    color:#A1C42A  
}
```

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 #A1C42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1C42A
}
```

Border

The CSS property to change the border of an element to Hex A1C42A 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
#A1C42A }
```

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

```
.border{ border-color:#A1C42A }
```

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

Here you see how a box with a 4 pixel #A1C42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1C42A; -webkit-box-shadow:4px 4px  
4px 4px #A1C42A; box-shadow:4px 4px 4px  
4px #A1C42A }
```

Background

The CSS property to change the background color of an element to Hex A1C42A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1C42A }
```

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

```
.background{ background-color:#A1C42A }
```

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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