

# Converting Colors

Hex(A2CC0C)

Have a look what the booklet for  
Hex(A2CC0C) contains.

<b>Hex(A2CC0C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A2CC0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2CC0C
RGB	162, 204, 12
RGB Percent	64%, 80%, 5%
CMY	0.3647, 0.2000, 0.9529
CMYK	0.21, 0.00, 0.94, 0.20
HSL	73°, 89%, 42%
HSV	73°, 94%, 80%
XYZ	36.5595, 50.8937, 8.2444
YIQ	169.5540, 36.6000, -68.6160

# Conversions

## Conversions Part 2

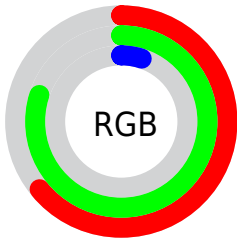
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 204, 54
Decimal	10669068
CIELab	76.61, -35.57, 75.07
CIELCh	77, 83.071, 115.355
Yxy	50.8937, 0.3820, 0.5318
Android (android.graphics.Color)	4288859148 (0xFFA2CC0C)
YUV	169.5540, -77.6741, -6.6249
Hunter-Lab	71.3398, -33.3687, 43.0860

# Details

The Hex color **A2CC0C** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **360CCC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DFF57**, and **699600** is the 20% darker color. If you saturate the color by 10%, you get **9FCC00**, and if you desaturate by 10%, it is **A6CC20**.

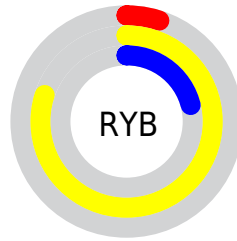
# Distribution



Red (64%)

Green (80%)

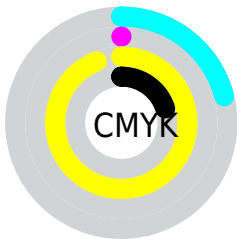
Blue (5%)



Red (5%)

Yellow (80%)

Blue (21%)

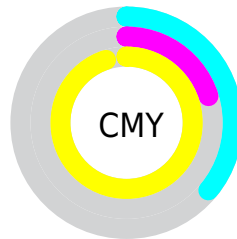


Cyan (21%)

Magenta (0%)

Yellow (94%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2CC0C 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 A2CC0C by changing the saturation by 10% instead.



 A2CC0C

 A2CC0C

FFFFFF

 85B000

 DDF57

 699600

 FBFF74

 4D7C00

 FFFF91

 2F6300

 FFFFAD

 0C4A00

 FFFFCB

 003300

 FFFFEB

 001F00

 000000

 A2CC0C

 A2CC0C

 9FCC00

 A6CC20

 ABCC35

 AFCC49

 B4CC5E

 B8CC72

 BDCC86

 C1CC9B

 C6CCAF

 CACCC4

# Harmonies

## Analogous

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



ECB500



A2CC0C



1FD960

# Triad

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



A2CC0C



00DAFF



FF6ECC

# Complementary

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



A2CC0C



360CCC

# 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.



FF89FF



A2CC0C



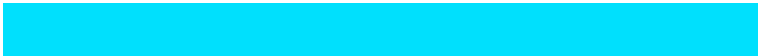
00CAFF

# Square

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



A2CC0C



00E0FD



A3AEFF



FF7680

# Rectangle

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



A2CC0C



00DE93



A3AEFF



FF74E6

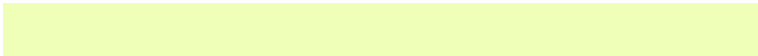


# Sweetspot

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



A2CC0C



EFFFB8



CC360C



768054



000000



808080



# Same Dimension

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



A2CC0C



C7FF00



42CC0C



64665C



81A600



1E2600



# Inverse Universe

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



360CCC



3800FF



960CCC



5E5C66



2400A6



080026



# Previews

## White Background



This preview shows how the Hex color A2CC0C looks on a white background.

## Color Contrast Check

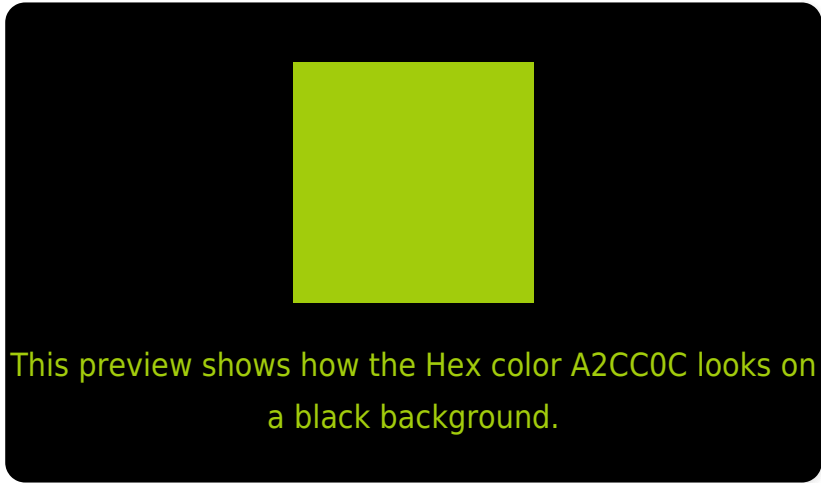
Large Text (above 18pt) WCAG AA × Fail

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 A2CC0C Background



This preview shows how black text looks on a background with the Hex color A2CC0C.

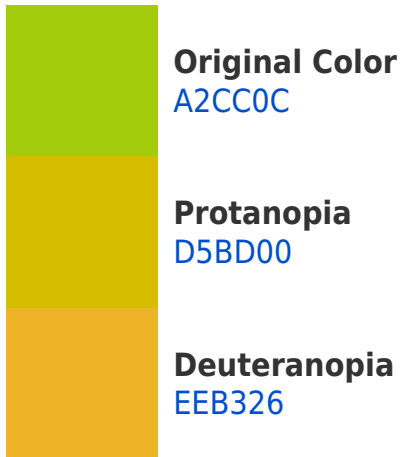


This preview shows how white text looks on a background with the Hex color A2CC0C.

# 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](#).

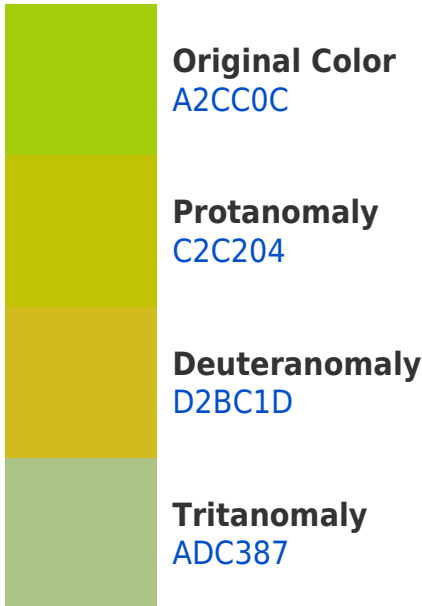
## Dichromacy



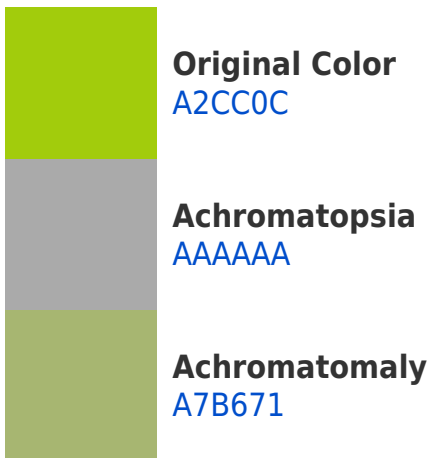


**Tritanopia**  
B3BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2CC0C 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 #A2CC0C looks like.

```
.text, #text, p{  
    color:#A2CC0C  
}
```

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 #A2CC0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2CC0C
}
```

## Border

The CSS property to change the border of an element to Hex A2CC0C 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
#A2CC0C }
```

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

```
.border{ border-color:#A2CC0C }
```

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

Here you see how a box with a 4 pixel #A2CC0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2CC0C; -webkit-box-shadow:4px 4px  
4px 4px #A2CC0C; box-shadow:4px 4px 4px  
4px #A2CC0C }
```

# Background

The CSS property to change the background color of an element to Hex A2CC0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2CC0C }
```

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

```
.background{ background-color:#A2CC0C }
```

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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