

# Converting Colors

Hex(A2D70D)

Have a look what the booklet for  
Hex(A2D70D) contains.

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**Color**

**Hex(A2D70D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2D70D
RGB	162, 215, 13
RGB Percent	64%, 84%, 5%
CMY	0.3647, 0.1569, 0.9490
CMYK	0.25, 0.00, 0.94, 0.16
HSL	76°, 89%, 45%
HSV	76°, 94%, 84%
XYZ	39.2734, 56.3113, 9.1800
YIQ	176.1250, 33.2540, -74.0580

# Conversions

## Conversions Part 2

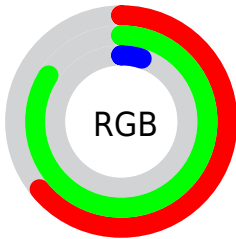
Format	Color
<a href="#">RYB</a>	<a href="#">13, 215, 66</a>
Decimal	<a href="#">10671885</a>
CIELab	<a href="#">79.79, -40.48, 77.46</a>
CIELCh	<a href="#">80, 87.397, 117.591</a>
Yxy	<a href="#">56.3113, 0.3749, 0.5375</a>
Android (android.graphics.Color)	<a href="#">4288861965 (0xFFA2D70D)</a>
YUV	<a href="#">176.1250, -80.4206, -12.3876</a>
Hunter-Lab	<a href="#">75.0409, -37.9018, 45.2754</a>

# Details

The Hex color **A2D70D** 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 **420DD7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **DFF59**, and **68A000** is the 20% darker color. If you saturate the color by 10%, you get **9FD700**, and if you desaturate by 10%, it is **A8D723**.

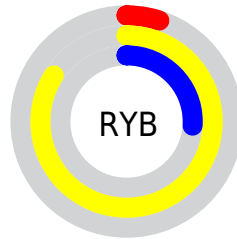
# Distribution



Red (64%)

Green (84%)

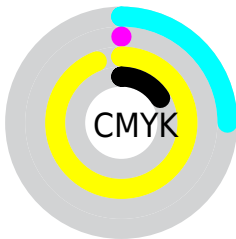
Blue (5%)



Red (5%)

Yellow (84%)

Blue (26%)

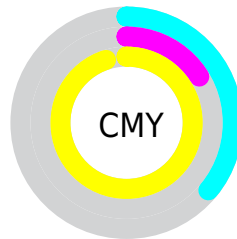


Cyan (25%)

Magenta (0%)

Yellow (94%)

Black (16%)



Cyan (36%)

Magenta (16%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2D70D 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 A2D70D by changing the saturation by 10% instead.



 A2D70D

 A2D70D

FFFFFF

 85BB00

 DDF59

 68A000

 FBFF77

 4B8600

 FFFF94

 2D6C00

 FFFFB1

 025300

 FFFFCE

 003B00

 FFFFEC

 002700

 000000

 A2D70D

 A2D70D

 9FD700

 A8D723

 ADD738

 B3D74E

 B9D763

 BED779

 C4D78E

 C9D7A4

 CFD7B9

 D5D7CF

# Harmonies

## Analogous

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



F1C000



A2D70D



00E469

# Triad

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



A2D70D



00E4FF



FF70D0

# Complementary

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



A2D70D



420DD7

# 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



A2D70D



00D2FF

# Square

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



A2D70D



00EBFF



B5B3FF



FF7B7F

# Rectangle

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



A2D70D



00E9A0



B5B3FF



FF76EB

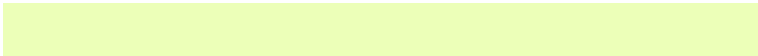


# Sweetspot

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



A2D70D



ECFFB8



D7400D



748054



000000



808080



# Same Dimension

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



A2D70D



BCFF00



40D70D



686B60



7EAB00



202B00



# Inverse Universe

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



420DD7



4300FF



A50DD7



63606B



2D00AB



0B002B



# Previews

## White Background



This preview shows how the Hex color A2D70D looks on a white background.

## Color Contrast Check

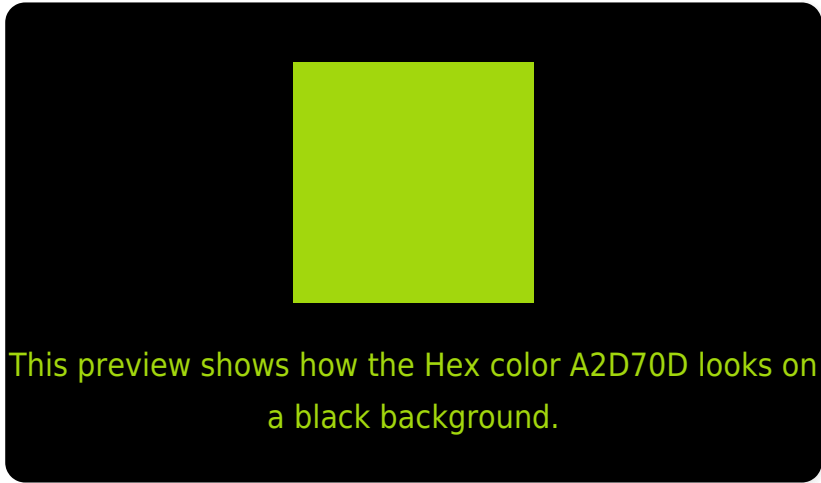
Large Text (above 18pt) WCAG AA × Fail

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 A2D70D Background



This preview shows how black text looks on a background with the Hex color A2D70D.

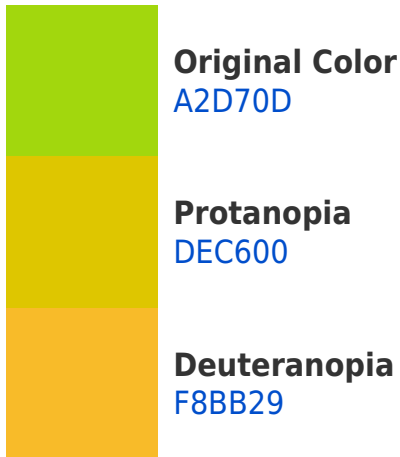


This preview shows how white text looks on a background with the Hex color A2D70D.

# 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](#).

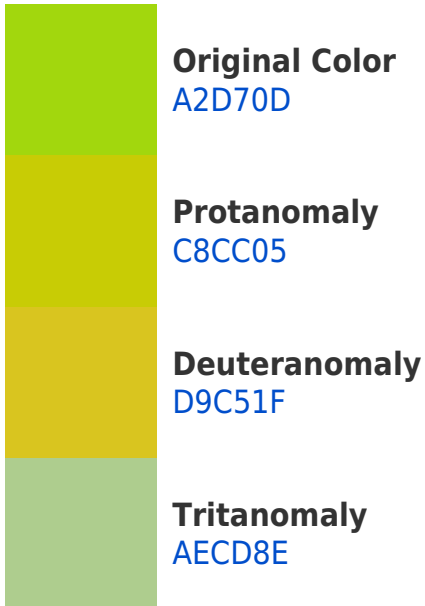
## Dichromacy



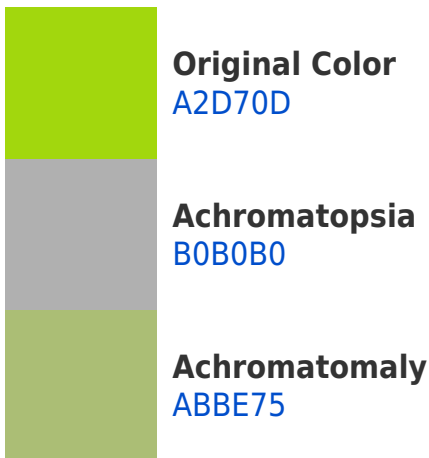


**Tritanopia**  
B5C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2D70D 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 #A2D70D looks like.

```
.text, #text, p{  
    color:#A2D70D  
}
```

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 #A2D70D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2D70D
}
```

## Border

The CSS property to change the border of an element to Hex A2D70D 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
#A2D70D }
```

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

```
.border{ border-color:#A2D70D }
```

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

Here you see how a box with a 4 pixel #A2D70D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2D70D; -webkit-box-shadow:4px 4px  
4px 4px #A2D70D; box-shadow:4px 4px 4px  
4px #A2D70D }
```

# Background

The CSS property to change the background color of an element to Hex A2D70D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2D70D }
```

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

```
.background{ background-color:#A2D70D }
```

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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