

# Converting Colors

Hex(2ADA32)

Have a look what the booklet for  
Hex(2ADA32) contains.

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# Color

Hex(2ADA32)

# Conversions

## Conversions Part 1

Format	Color
Hex	2ADA32
RGB	42, 218, 50
RGB Percent	16%, 85%, 20%
CMY	0.8353, 0.1451, 0.8039
CMYK	0.81, 0.00, 0.77, 0.15
HSL	123°, 70%, 51%
HSV	123°, 81%, 85%
XYZ	26.6020, 50.8653, 11.4335
YIQ	146.2240, -50.9680, -89.5600

# Conversions

## Conversions Part 2

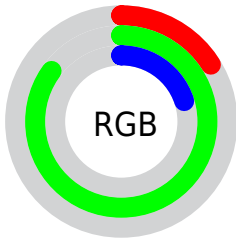
Format	Color
<a href="#">RYB</a>	<a href="#">42, 210, 218</a>
Decimal	<a href="#">2808370</a>
CIELab	<a href="#">76.60, -72.07, 65.29</a>
CIELCh	<a href="#">77, 97.246, 137.822</a>
Yxy	<a href="#">50.8653, 0.2992, 0.5722</a>
Android (android.graphics.Color)	<a href="#">4280998450</a> ( <a href="#">0xFF2ADA32</a> )
YUV	<a href="#">146.2240, -47.4384, -91.4044</a>
Hunter-Lab	<a href="#">71.3199, -58.2303, 40.4190</a>

# Details

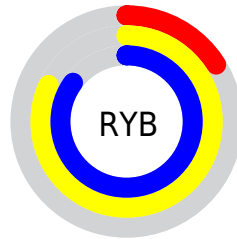
The Hex color **2ADA32** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DA2AD2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **78FF6C**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **14DA1D**, and if you desaturate by 10%, it is **40DA47**.

# Distribution



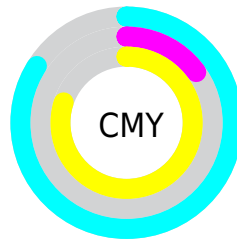
- Red (16%)
- Green (85%)
- Blue (20%)



- Red (16%)
- Yellow (82%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (77%)
- Black (15%)



- Cyan (84%)
- Magenta (15%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ADA32 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 2ADA32 by changing the saturation by 10% instead.



 2ADA32

 2ADA32

FFFFFF

 00BD07

 78FF6C

 00A100

 98FF88

 008600

 B8FFA5

 006B00

 D7FFC1

 005100

 F6FFDE

 003A00

FFFFFFC

 001F00

 000000

 2ADA32

 2ADA32

 14DA1D

 40DA47

 00DA0A

 56DA5C

 6BDA70

 81DA85

 97DA9A

 ADDAAF

 C3DAC4

 D8DAD8

 EEDAED

# Harmonies

## Analogous

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



B1C900



2ADA32



00E294

# Triad

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



2ADA32



00D2FF



FF558C

# Complementary

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



2ADA32



DA2AD2

# 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.



FF58E6



2ADA32



4CB5FF

# Square

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



2ADA32



00E1FF



FF88FF



FF8135

# Rectangle

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



2ADA32



00E4D3



FF88FF



FF4EA9

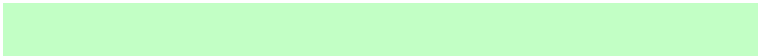


# Sweetspot

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



2ADA32



C2FFC5



D4DA2A



5B805C



000000



808080



# Same Dimension

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



2ADA32



08FF13



2ADA88



636E63



00AD08



002E02



# Inverse Universe

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



DA2AD2



FF08F4



DA2A7C



6E636D



AD00A6

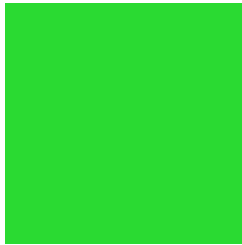


2E002C



# Previews

## White Background



This preview shows how the Hex color 2ADA32 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



This preview shows how the Hex color 2ADA32 looks on a 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 2ADA32 Background



This preview shows how black text looks on a background with the Hex color 2ADA32.

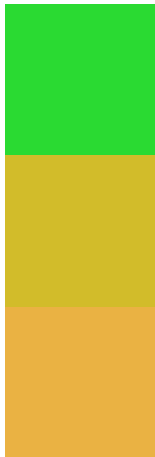


This preview shows how white text looks on a background with the Hex color 2ADA32.

# 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](#).

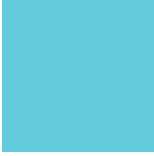
## Dichromacy



**Original Color**  
2ADA32

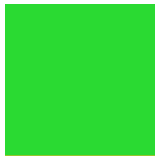
**Protanopia**  
D2BC2A

**Deuteranopia**  
EAB243



**Tritanopia**  
61CBDC

# Trichromacy



**Original Color**  
2ADA32



**Protanomaly**  
95C72D



**Deuteranomaly**  
A4C13D



**Tritanomaly**  
4DD09E

# Monochromacy



**Original Color**  
2ADA32



**Achromatopsia**  
929292



**Achromatomaly**  
6CAC6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ADA32 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 #2ADA32 looks like.

```
.text, #text, p{  
    color:#2ADA32  
}
```

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 #2ADA32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ADA32
}
```

## Border

The CSS property to change the border of an element to Hex 2ADA32 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
#2ADA32 }
```

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

```
.border{ border-color:#2ADA32 }
```

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

Here you see how a box with a 4 pixel #2ADA32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ADA32; -webkit-box-shadow:4px 4px  
4px 4px #2ADA32; box-shadow:4px 4px 4px  
4px #2ADA32 }
```

# Background

The CSS property to change the background color of an element to Hex 2ADA32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ADA32 }
```

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

```
.background{ background-color:#2ADA32 }
```

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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