

# Converting Colors

Hex(A1C437)

Have a look what the booklet for  
Hex(A1C437) contains.

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**Color**

**Hex(A1C437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1C437
RGB	161, 196, 55
RGB Percent	63%, 77%, 22%
CMY	0.3686, 0.2314, 0.7843
CMYK	0.18, 0.00, 0.72, 0.23
HSL	75°, 56%, 49%
HSV	75°, 72%, 77%
XYZ	35.1275, 47.3328, 10.8992
YIQ	169.4610, 24.4010, -51.2710

# Conversions

## Conversions Part 2

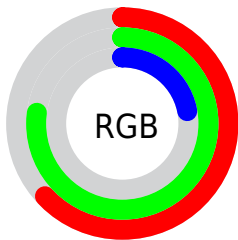
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 196, 90
Decimal	10601527
CIELab	74.40, -30.85, 63.00
CIELCh	74, 70.150, 116.087
Yxy	47.3328, 0.3763, 0.5070
Android (android.graphics.Color)	4288791607 (0xFFA1C437)
YUV	169.4610, -56.4293, -7.4203
Hunter-Lab	68.7988, -29.2590, 38.7664

# Details

The Hex color **A1C437** 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 **5A37C4**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **DBFD6F**, and **698E00** is the 20% darker color. If you saturate the color by 10%, you get **9CC423**, and if you desaturate by 10%, it is **A6C44B**.

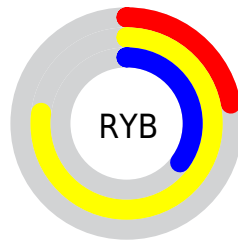
# Distribution



Red (63%)

Green (77%)

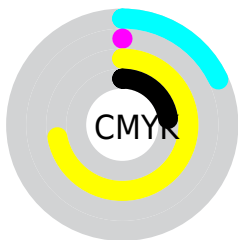
Blue (22%)



Red (22%)

Yellow (77%)

Blue (35%)

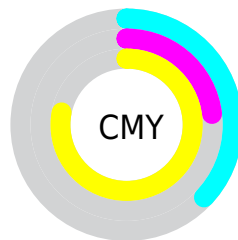


Cyan (18%)

Magenta (0%)

Yellow (72%)

Black (23%)



Cyan (37%)

Magenta (23%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1C437 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 A1C437 by changing the saturation by 10% instead.



 A1C437

 A1C437

FFFFFF

 85A915

 DBFD6F

 698E00

 F8FF8A

 4E7400

 FFFFA6

 335C00

 FFFFC3

 154400

 FFFFEO

 002D00

FFFFFFD

 001800

 000000

 A1C437

 A1C437

 9CC423

 A6C44B

 97C410

 ABC45E

 93C400

 B0C472

 B4C485

 B9C499

 BEC4AD

 C3C4C0

 C8C4D4

 CDC4E7

# Harmonies

## Analogous

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



E0B127



A1C437



46D06B

# Triad

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



A1C437



00CFFF



FF7AC2

# Complementary

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



A1C437



5A37C4

# 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.



FD8DFF



A1C437



00C1FF

# Square

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



A1C437



00D5EE



A8A9FF



FF8082

# Rectangle

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



A1C437



00D496



A8A9FF



FF7ED8



# Sweetspot

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



A1C437



F1FFC7



C45837



77805E



000000



808080



# Same Dimension

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



A1C437



C9FF24



5DC437



5E6157



79A100



192100



# Inverse Universe

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



5A37C4



5A24FF



9E37C4



5A5761



2800A1



080021



# Previews

## White Background



This preview shows how the Hex color A1C437 looks on a white background.

## Color Contrast Check

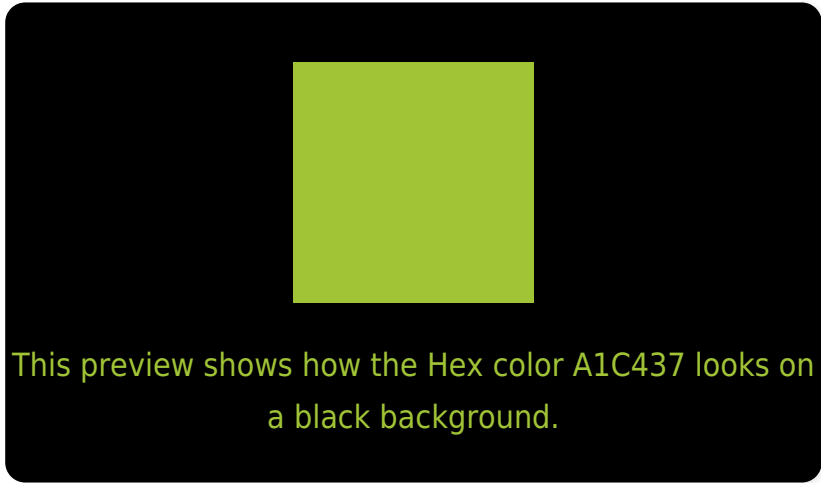
Large Text (above 18pt) WCAG AA × Fail

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 A1C437 Background



This preview shows how black text looks on a background with the Hex color A1C437.

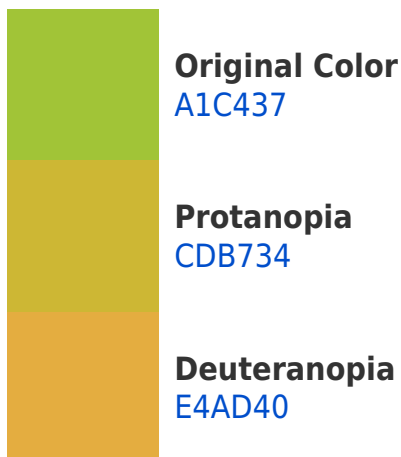


This preview shows how white text looks on a background with the Hex color A1C437.

# 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](#).

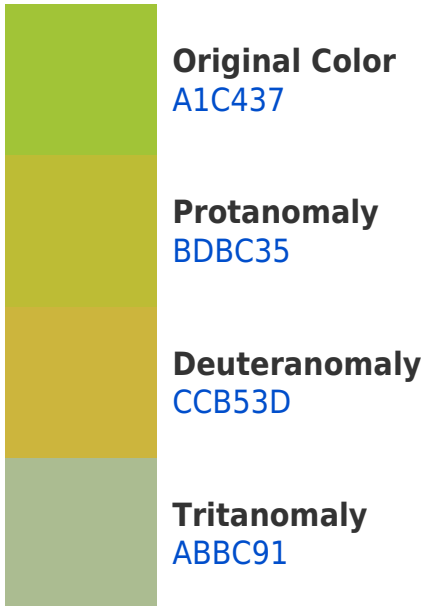
## Dichromacy



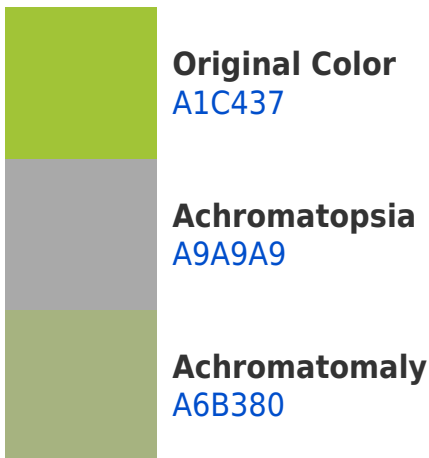


**Tritanopia**  
B0B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1C437 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 #A1C437 looks like.

```
.text, #text, p{  
    color:#A1C437  
}
```

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 #A1C437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1C437  
}
```

## Border

The CSS property to change the border of an element to Hex A1C437 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  
#A1C437 }
```

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

```
.border{ border-color:#A1C437 }
```

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

Here you see how a box with a 4 pixel #A1C437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1C437; -webkit-box-shadow:4px 4px  
4px 4px #A1C437; box-shadow:4px 4px 4px  
4px #A1C437 }
```

# Background

The CSS property to change the background color of an element to Hex A1C437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1C437 }
```

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

```
.background{ background-color:#A1C437 }
```

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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