

# Converting Colors

Hex(A5CB37)

Have a look what the booklet for  
Hex(A5CB37) contains.

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**Color**

**Hex(A5CB37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5CB37
RGB	165, 203, 55
RGB Percent	65%, 80%, 22%
CMY	0.3529, 0.2039, 0.7843
CMYK	0.19, 0.00, 0.73, 0.20
HSL	75°, 59%, 51%
HSV	75°, 73%, 80%
XYZ	37.5626, 50.9870, 11.4762
YIQ	174.7660, 24.8600, -54.0840

# Conversions

## Conversions Part 2

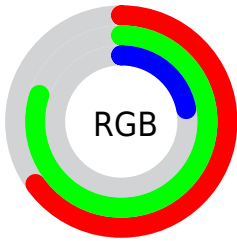
Format	Color
<a href="#">RYB</a>	<a href="#">55, 203, 93</a>
Decimal	<a href="#">10865463</a>
CIELab	<a href="#">76.67, -32.52, 65.30</a>
CIELCh	<a href="#">77, 72.954, 116.473</a>
Yxy	<a href="#">50.9870, 0.3755, 0.5097</a>
Android (android.graphics.Color)	<a href="#">4289055543 (0xFFA5CB37)</a>
YUV	<a href="#">174.7660, -59.0446, -8.5648</a>
Hunter-Lab	<a href="#">71.4052, -31.0595, 40.4546</a>

# Details

The Hex color **A5CB37** 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 **5D37CB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **DFFF70**, and **6D9500** is the 20% darker color. If you saturate the color by 10%, you get **A0CB23**, and if you desaturate by 10%, it is **AACB4B**.

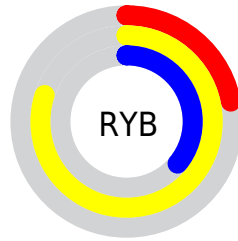
# Distribution



Red (65%)

Green (80%)

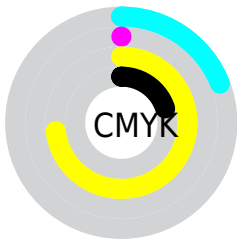
Blue (22%)



Red (22%)

Yellow (80%)

Blue (36%)

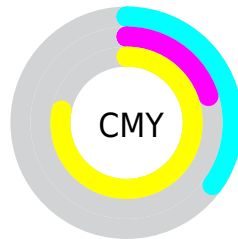


Cyan (19%)

Magenta (0%)

Yellow (73%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5CB37 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 A5CB37 by changing the saturation by 10% instead.



 A5CB37

 A5CB37


FFFFFF

 89B014

 DFFF70

 6D9500

 FDF88B

 517B00

 FFFFA8

 366200

 FFFFC4

 184A00

 FFFFE1

 003300

 001F00

 000000

 A5CB37

 A5CB37

 A0CB23

 AACB4B

 9BCB0E

 AFCE60

 97CB00

 B5CB74

 BACB88

 BFCB9D

 C4CBB1

 C9CBC5

 CFCBD9

 D4CBEE

# Harmonies

## Analogous

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



E7B725



A5CB37



44D76F

# Triad

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



A5CB37



00D6FF



FF7DC8

# Complementary

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



A5CB37



5D37CB

# 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.



FF91FF



A5CB37



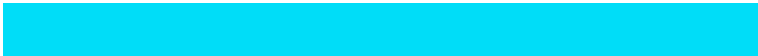
00C7FF

# Square

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



A5CB37



00DDF8



AFAFFF



FF8385

# Rectangle

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



A5CB37



00DB9B



AFAFFF



FF81DF



# Sweetspot

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



A5CB37



F1FFC7



CB5C37



77805E



000000



808080



# Same Dimension

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



A5CB37



C6FF21



5CCB37



63665C



7BA600



1C2600



# Inverse Universe

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



5D37CB



5A21FF



A637CB



5E5C66



2B00A6



0A0026



# Previews

## White Background



This preview shows how the Hex color A5CB37 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 A5CB37 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 A5CB37 Background



This preview shows how black text looks on a background with the Hex color A5CB37.

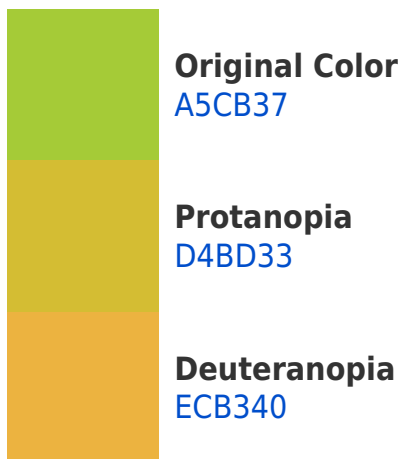


This preview shows how white text looks on a background with the Hex color A5CB37.

# Color Blindness Simulation

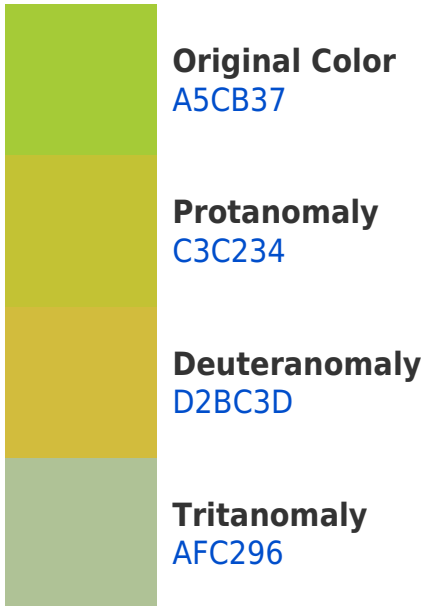
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

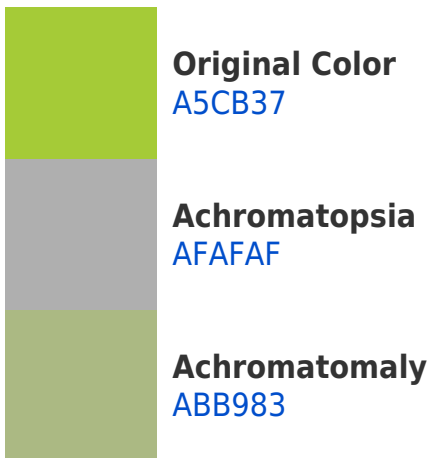




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5CB37 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 #A5CB37 looks like.

```
.text, #text, p{  
    color:#A5CB37  
}
```

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 #A5CB37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5CB37
}
```

## Border

The CSS property to change the border of an element to Hex A5CB37 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
#A5CB37 }
```

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

```
.border{ border-color:#A5CB37 }
```

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

Here you see how a box with a 4 pixel #A5CB37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5CB37; -webkit-box-shadow:4px 4px  
4px 4px #A5CB37; box-shadow:4px 4px 4px  
4px #A5CB37 }
```

# Background

The CSS property to change the background color of an element to Hex A5CB37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5CB37 }
```

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

```
.background{ background-color:#A5CB37 }
```

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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