

# Converting Colors

Hex(A5D739)

Have a look what the booklet for  
Hex(A5D739) contains.

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# **Color**

**Hex(A5D739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5D739
RGB	165, 215, 57
RGB Percent	65%, 84%, 22%
CMY	0.3529, 0.1569, 0.7765
CMYK	0.23, 0.00, 0.73, 0.16
HSL	79°, 66%, 53%
HSV	79°, 73%, 84%
XYZ	40.5560, 56.8956, 12.7153
YIQ	182.0380, 20.9180, -59.7380

# Conversions

## Conversions Part 2

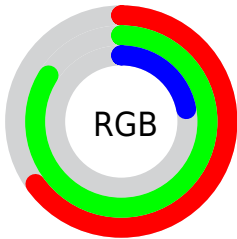
Format	Color
<a href="#">RYB</a>	<a href="#">57, 215, 107</a>
Decimal	<a href="#">10868537</a>
CIELab	<a href="#">80.12, -37.89, 67.97</a>
CIElCh	<a href="#">80, 77.816, 119.139</a>
Yxy	<a href="#">56.8956, 0.3681, 0.5164</a>
Android (android.graphics.Color)	<a href="#">4289058617 (0xFFA5D739)</a>
YUV	<a href="#">182.0380, -61.6437, -14.9423</a>
Hunter-Lab	<a href="#">75.4292, -36.0270, 42.8057</a>

# Details

The Hex color **A5D739** 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 **6B39D7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **DFFF73**, and **6CA000** is the 20% darker color. If you saturate the color by 10%, you get **9ED724**, and if you desaturate by 10%, it is **ACD74E**.

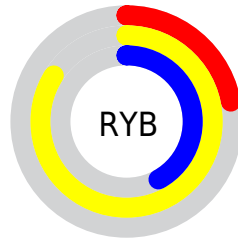
# Distribution



Red (65%)

Green (84%)

Blue (22%)



Red (22%)

Yellow (84%)

Blue (42%)

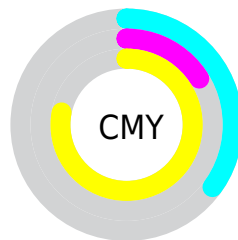


Cyan (23%)

Magenta (0%)

Yellow (73%)

Black (16%)



Cyan (35%)

Magenta (16%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5D739 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 A5D739 by changing the saturation by 10% instead.



 A5D739

 A5D739

FFFFFF

 88BB15

 DFFF73

 6CA000

 FDFF8F

 508600

 FFFFAB

 346C00

 FFFFC8

 125300

 FFFF E5

 003C00

 002700

 000100

 000000

 A5D739

 A5D739

 9ED724

 ACD74E

 97D70E

 B3D764

 93D700

 B9D77A

 C0D78F

 C7D7A5

 CED7BA

 D5D7D0

 DBD7E5

 E2D7FB

# Harmonies

## Analogous

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



EDC31D



A5D739



2BE378

# Triad

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



A5D739



00E1FF



FF80CC

# Complementary

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



A5D739



6B39D7

# 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.



FF94FF



A5D739



00D0FF

# Square

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



A5D739



00E8FF



C2B4FF



FF8A84

# Rectangle

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



A5D739



00E7A9



C2B4FF



FF84E4



# Sweetspot

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



A5D739



EDFFC7



D76839



75805E



000000



808080



# Same Dimension

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



A5D739



B8FF1F



59D739



686B60



75AB00



1E2B00



# Inverse Universe

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



6B39D7



661FFF



B739D7



64606B



3600AB



0E002B



# Previews

## White Background



This preview shows how the Hex color A5D739 looks on a white background.

## Color Contrast Check

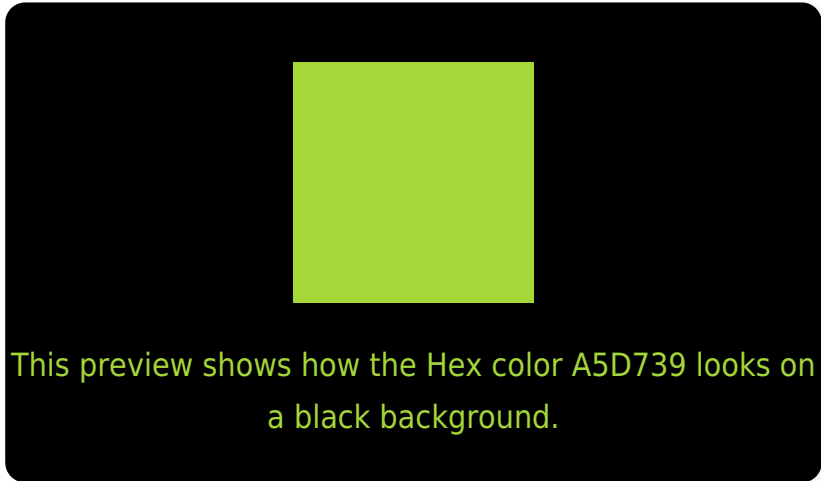
Large Text (above 18pt) WCAG AA × Fail

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 A5D739 Background



This preview shows how black text looks on a background with the Hex color A5D739.

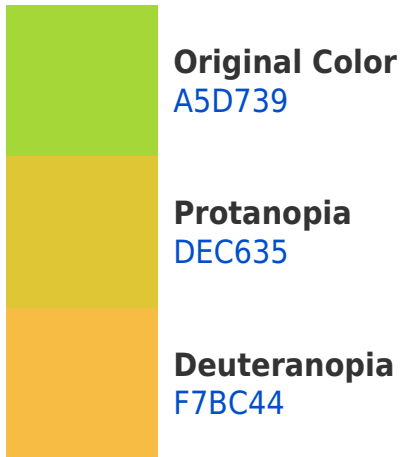


This preview shows how white text looks on a background with the Hex color A5D739.

# 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**  
B7C9D8

# Trichromacy



**Original Color**  
A5D739



**Protanomaly**  
C9CC36



**Deuteranomaly**  
D9C640



**Tritanomaly**  
B0CE9E

# Monochromacy



**Original Color**  
A5D739



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
B0C289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5D739 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 #A5D739 looks like.

```
.text, #text, p{  
    color:#A5D739  
}
```

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 #A5D739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5D739
}
```

## Border

The CSS property to change the border of an element to Hex A5D739 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
#A5D739 }
```

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

```
.border{ border-color:#A5D739 }
```

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

Here you see how a box with a 4 pixel #A5D739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5D739; -webkit-box-shadow:4px 4px  
4px 4px #A5D739; box-shadow:4px 4px 4px  
4px #A5D739 }
```

# Background

The CSS property to change the background color of an element to Hex A5D739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5D739 }
```

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

```
.background{ background-color:#A5D739 }
```

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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