

Converting Colors

Hex(A7DB3F)

Have a look what the booklet for
Hex(A7DB3F) contains.

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Color

Hex(A7DB3F)

Conversions

Conversions Part 1

Format	Color
Hex	A7DB3F
RGB	167, 219, 63
RGB Percent	65%, 86%, 25%
CMY	0.3451, 0.1412, 0.7529
CMYK	0.24, 0.00, 0.71, 0.14
HSL	80°, 68%, 55%
HSV	80°, 71%, 86%
XYZ	42.1651, 59.2374, 13.9143
YIQ	185.6680, 19.0840, -59.5400

Conversions

Conversions Part 2

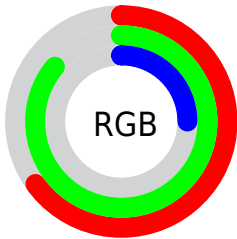
Format	Color
RYB	63, 219, 115
Decimal	11000639
CIELab	81.42, -38.59, 67.23
CIELCh	81, 77.516, 119.853
Yxy	59.2374, 0.3656, 0.5137
Android (android.graphics.Color)	4289190719 (0xFFA7DB3F)
YUV	185.6680, -60.4753, -16.3718
Hunter-Lab	76.9658, -36.9005, 43.1574

Details

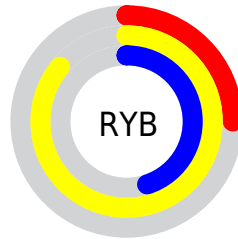
The Hex color **A7DB3F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **733FDB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E1FF78**, and **6EA400** is the 20% darker color. If you saturate the color by 10%, you get **A0DB29**, and if you desaturate by 10%, it is **AEDB55**.

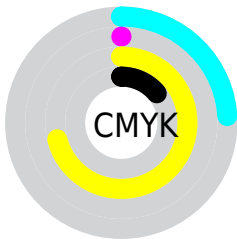
Distribution



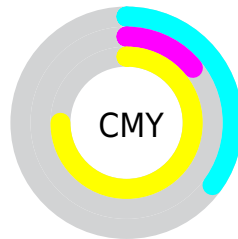
- Red (65%)
- Green (86%)
- Blue (25%)



- Red (25%)
- Yellow (86%)
- Blue (45%)



- Cyan (24%)
- Magenta (0%)
- Yellow (71%)
- Black (14%)



- Cyan (35%)
- Magenta (14%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7DB3F 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 A7DB3F by changing the saturation by 10% instead.

 A7DB3F

 A7DB3F

FFFFFF

 8ABF1E

 E1FF78

 6EA400

 FFFF94

 528900

 FFFFB0

 366F00

 FFFFCD

 155700

 FFFFEA

 003F00

 002900

 000A00

 000000

 A7DB3F

 A7DB3F

 A0DB29

 AEDB55

 98DB13

 B6DB6B

 92DB00

 BDDDB81

 C4DB97

 CCDBAD

 D3DBC2

 DADBD8

 E1DBEE

 E9DBFF

Harmonies

Analogous

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



EFC723



A7DB3F



2DE77E

Triad

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



A7DB3F



00E4FF



FF84CE

Complementary

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



A7DB3F



733FDB

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.



FF97FF



A7DB3F



00D3FF

Square

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



A7DB3F



00ECFF



C9B7FF



FF8E86

Rectangle

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



A7DB3F



00EBAE



C9B7FF



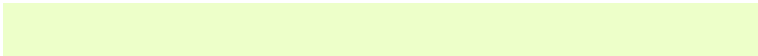
FF88E6

Sweetspot

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



A7DB3F



EDFFC9



DB733F



758060



000000



808080

Same Dimension

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



A7DB3F



B7FF26



59DB3F



6A6E63



74AD00



1F2E00

Inverse Universe

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



733FDB



6E26FF



C13FDB



66636E



3A00AD



0F002E

Previews

White Background



This preview shows how the Hex color A7DB3F 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 A7DB3F 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 A7DB3F Background



This preview shows how black text looks on a background with the Hex color A7DB3F.

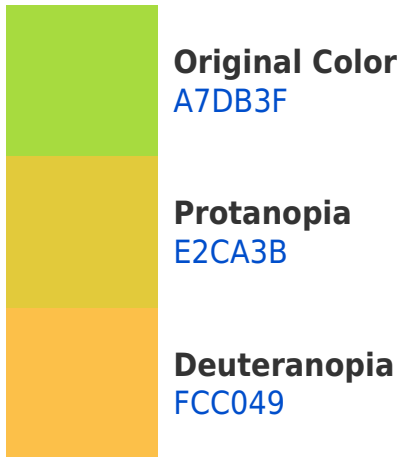


This preview shows how white text looks on a background with the Hex color A7DB3F.

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



Original Color
A7DB3F



Protanomaly
CDD03C



Deuteranomaly
DDCA45



Tritanomaly
B2D1A4

Monochromacy



Original Color
A7DB3F



Achromatopsia
BABABA



Achromatomaly
B3C68D

CSS Examples

Text

The CSS property to change the color of the text to Hex A7DB3F 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 #A7DB3F looks like.

```
.text, #text, p{  
    color:#A7DB3F  
}
```

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 #A7DB3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7DB3F
}
```

Border

The CSS property to change the border of an element to Hex A7DB3F 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
#A7DB3F }
```

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

```
.border{ border-color:#A7DB3F }
```

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

Here you see how a box with a 4 pixel #A7DB3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7DB3F; -webkit-box-shadow:4px 4px  
4px 4px #A7DB3F; box-shadow:4px 4px 4px  
4px #A7DB3F }
```

Background

The CSS property to change the background color of an element to Hex A7DB3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7DB3F }
```

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

```
.background{ background-color:#A7DB3F }
```

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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