

# Converting Colors

Hex(A7E82E)

Have a look what the booklet for  
Hex(A7E82E) contains.

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# Color

Hex(A7E82E)

# Conversions

## Conversions Part 1

Format	Color
Hex	A7E82E
RGB	167, 232, 46
RGB Percent	65%, 91%, 18%
CMY	0.3451, 0.0902, 0.8196
CMYK	0.28, 0.00, 0.80, 0.09
HSL	81°, 80%, 55%
HSV	81°, 80%, 91%
XYZ	45.2861, 66.1260, 12.9615
YIQ	191.3610, 20.9660, -71.6260

# Conversions

## Conversions Part 2

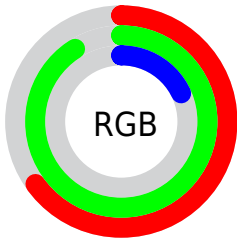
Format	Color
<b>RYB</b>	46, 232, 111
Decimal	11003950
CIELab	85.06, -45.08, 75.86
CIELCh	85, 88.244, 120.724
Yxy	66.1260, 0.3641, 0.5317
Android (android.graphics.Color)	4289194030 (0xFFA7E82E)
YUV	191.3610, -71.6630, -21.3646
Hunter-Lab	81.3179, -42.8992, 47.4721

# Details

The Hex color **A7E82E** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **6F2EE8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E2FF6D**, and **6DB000** is the 20% darker color. If you saturate the color by 10%, you get **9FE817**, and if you desaturate by 10%, it is **AFE845**.

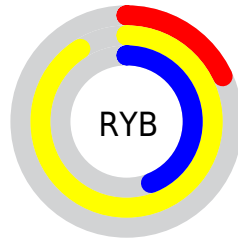
# Distribution



Red (65%)

Green (91%)

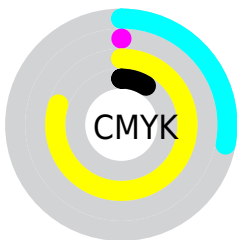
Blue (18%)



Red (18%)

Yellow (91%)

Blue (44%)

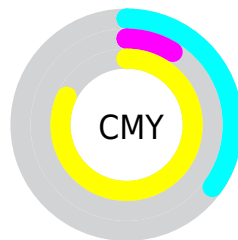


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7E82E 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 A7E82E by changing the saturation by 10% instead.



 A7E82E

 A7E82E

FFFFFF

 8ACC00


 E2FF6D

 6DB000

 FFFF89

 4F9500

 FFFFA6

 317B00

 FFFF83

 036100

 FFFFE1

 004900

 003200

 001A00

 000000

 A7E82E

 A7E82E

 9FE817

 AFE845

 97E800

 B7E85C

 BFE874

 C7E88B

 D0E8A2

 D8E8B9

 E0E8D0

 E8E8E8

 F0E8FF

# Harmonies

## Analogous

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



FBD100



A7E82E



00F57E

# Triad

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



A7E82E



00F2FF



FF7FD6

# Complementary

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



A7E82E



6F2EE8

# 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.



FF96FF



A7E82E



00DEFF

# Square

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



A7E82E



00FAFF



D4BDFF



FF8D84

# Rectangle

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



A7E82E



00FAB7



D4BDFF



FF83F2

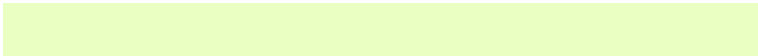


# Sweetspot

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



A7E82E



EAFFC2



E86C2E



73805B



000000



808080



# Same Dimension

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



A7E82E



A9FF0A



4DE82E



6F7367



74B300



213300



# Inverse Universe

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



6F2EE8



600AFF



C92EE8



6B6773



3E00B3



120033



# Previews

## White Background



This preview shows how the Hex color A7E82E looks on a white background.

## Color Contrast Check

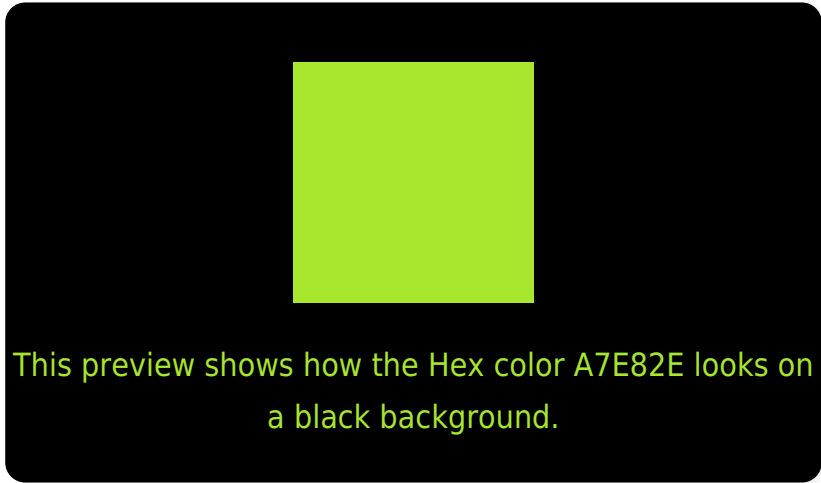
Large Text (above 18pt) WCAG AA × Fail

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 A7E82E Background



This preview shows how black text looks on a background with the Hex color A7E82E.

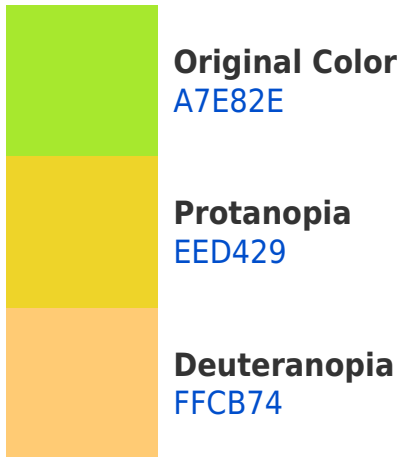


This preview shows how white text looks on a background with the Hex color A7E82E.

# 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**  
BCD8E9

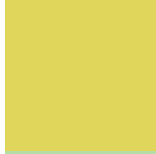
# Trichromacy



**Original Color**  
A7E82E



**Protanomaly**  
D4DB2B



**Deuteranomaly**  
DFD65B

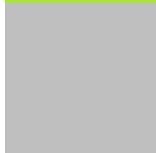


**Tritanomaly**  
B4DEA5

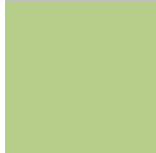
# Monochromacy



**Original Color**  
A7E82E



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
B6CE8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7E82E 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 #A7E82E looks like.

```
.text, #text, p{  
    color:#A7E82E  
}
```

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 #A7E82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E82E
}
```

## Border

The CSS property to change the border of an element to Hex A7E82E 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
#A7E82E }
```

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

```
.border{ border-color:#A7E82E }
```

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

Here you see how a box with a 4 pixel #A7E82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E82E; -webkit-box-shadow:4px 4px  
4px 4px #A7E82E; box-shadow:4px 4px 4px  
4px #A7E82E }
```

# Background

The CSS property to change the background color of an element to Hex A7E82E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E82E }
```

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

```
.background{ background-color:#A7E82E }
```

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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