

# Converting Colors

Hex(A7EF82)

Have a look what the booklet for  
Hex(A7EF82) contains.

<b>Hex(A7EF82)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A7EF82)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7EF82
RGB	167, 239, 130
RGB Percent	65%, 94%, 51%
CMY	0.3451, 0.0627, 0.4902
CMYK	0.30, 0.00, 0.46, 0.06
HSL	100°, 77%, 72%
HSV	100°, 46%, 94%
XYZ	50.8321, 71.5602, 32.2525
YIQ	205.0460, -7.9230, -49.1630

# Conversions

## Conversions Part 2

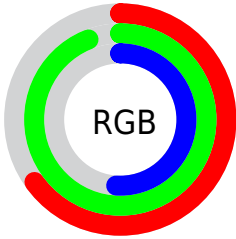
Format	Color
<a href="#">RYB</a>	<a href="#">130, 239, 202</a>
Decimal	<a href="#">11005826</a>
CIELab	<a href="#">87.76, -41.37, 45.57</a>
CIElCh	<a href="#">88, 61.549, 132.236</a>
Yxy	<a href="#">71.5602, 0.3287, 0.4627</a>
Android (android.graphics.Color)	<a href="#">4289195906 (0xFFA7EF82)</a>
YUV	<a href="#">205.0460, -36.9977, -33.3663</a>
Hunter-Lab	<a href="#">84.5933, -40.7775, 36.6101</a>

# Details

The Hex color **A7EF82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CA82EF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E0FFB9**, and **70B74E** is the 20% darker color. If you saturate the color by 10%, you get **97EF6A**, and if you desaturate by 10%, it is **B7EF9A**.

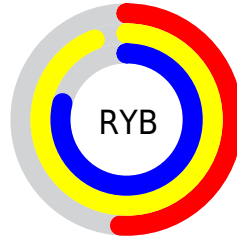
# Distribution



Red (65%)

Green (94%)

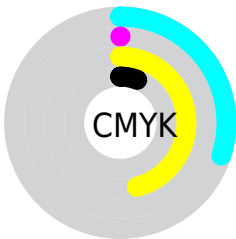
Blue (51%)



Red (51%)

Yellow (94%)

Blue (79%)

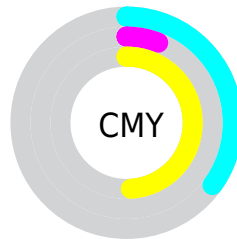


Cyan (30%)

Magenta (0%)

Yellow (46%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7EF82 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 A7EF82 by changing the saturation by 10% instead.



 A7EF82

 A7EF82

FFFFFF

 8BD268

 E0FFB9

 70B74E

 FEFFD5

 549B34

 FFFFF2

 388119

 196700

 004F00

 003700

 002200

 000000

 A7EF82

 A7EF82

 97EF6A

 B7EF9A

 87EF52

 C7EFB2

 78EF3A

 D6EFCA

 68EF22

 E6EFE2

 58EF0A

 F6EFF9

 51EF00

 FFEFFF

# Harmonies

## Analogous

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



E8E065



A7EF82



49F7B6

# Triad

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



A7EF82



00ECFF



FFABC6

# Complementary

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



A7EF82



CA82EF

# Split Complementary

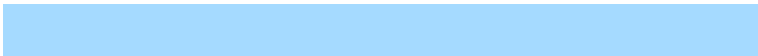
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB0FF



A7EF82



A5DAFF

# Square

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



A7EF82



00F6FF



FFC3FF



FFB790

# Rectangle

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



A7EF82



00FADF



FFC3FF



FFAADA

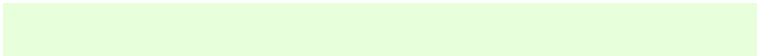


# Sweetspot

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



A7EF82



E7FFDB



EFC982



71806A



000000



808080



# Same Dimension

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



A7EF82



A2FF73



82EF92



70786C



3EB800



133800



# Inverse Universe

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



CA82EF



CF73FF



EF82DF



746C78



7900B8

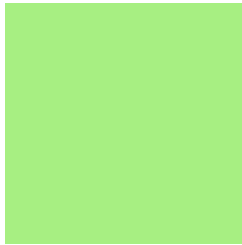


250038



# Previews

## White Background



This preview shows how the Hex color A7EF82 looks on a white background.

## Color Contrast Check

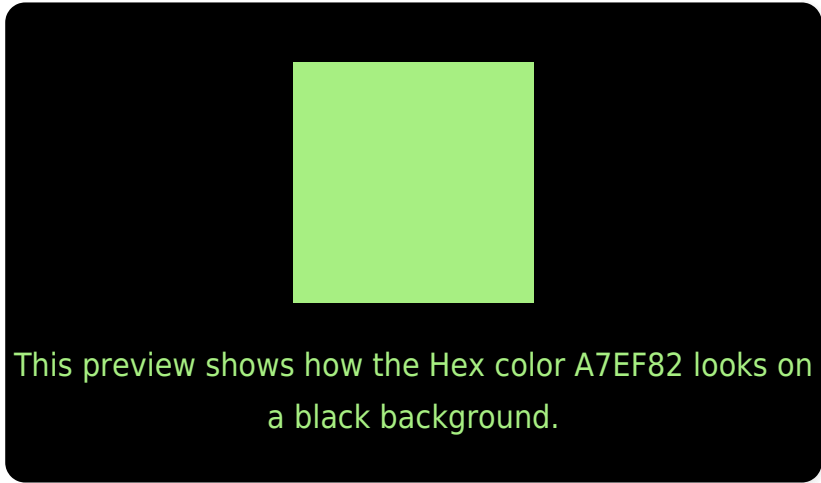
Large Text (above 18pt) WCAG AA × Fail

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 A7EF82 Background



This preview shows how black text looks on a background with the Hex color A7EF82.

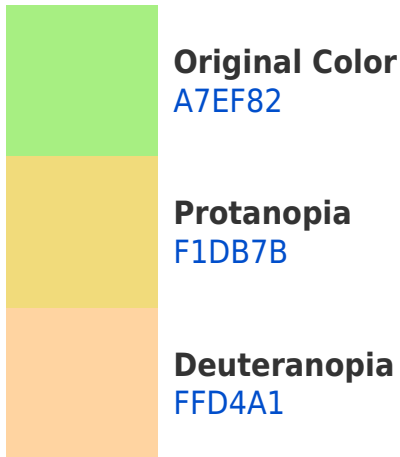


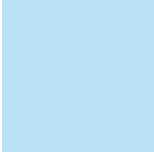
This preview shows how white text looks on a background with the Hex color A7EF82.

# 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





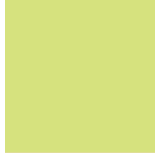
**Tritanopia**  
B9E2F4

# Trichromacy



**Original Color**

A7EF82



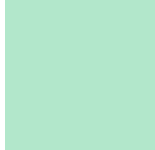
**Protanomaly**

D6E27E



**Deuteranomaly**

DFDE96



**Tritanomaly**

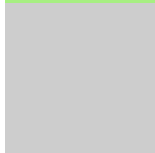
B2E7CB

# Monochromacy



**Original Color**

A7EF82



**Achromatopsia**

CDCDCD



**Achromatomaly**

BFD9B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7EF82 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 #A7EF82 looks like.

```
.text, #text, p{  
    color:#A7EF82  
}
```

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 #A7EF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EF82
}
```

## Border

The CSS property to change the border of an element to Hex A7EF82 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
#A7EF82 }
```

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

```
.border{ border-color:#A7EF82 }
```

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

Here you see how a box with a 4 pixel #A7EF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EF82; -webkit-box-shadow:4px 4px  
4px 4px #A7EF82; box-shadow:4px 4px 4px  
4px #A7EF82 }
```

# Background

The CSS property to change the background color of an element to Hex A7EF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EF82 }
```

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

```
.background{ background-color:#A7EF82 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor