

# Converting Colors

Hex(A7F434)

Have a look what the booklet for  
Hex(A7F434) contains.

<b>Hex(A7F434)</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(A7F434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F434
RGB	167, 244, 52
RGB Percent	65%, 96%, 20%
CMY	0.3451, 0.0431, 0.7961
CMYK	0.32, 0.00, 0.79, 0.04
HSL	84°, 90%, 58%
HSV	84°, 79%, 96%
XYZ	48.9069, 73.1648, 14.7934
YIQ	199.0890, 15.7400, -76.0360

# Conversions

## Conversions Part 2

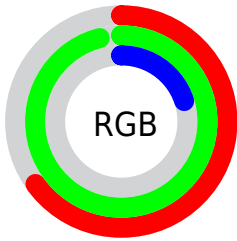
Format	Color
<b>RYB</b>	52, 244, 129
Decimal	11007028
CIELab	88.53, -49.88, 77.40
CIElCh	89, 92.081, 122.799
Yxy	73.1648, 0.3573, 0.5346
Android (android.graphics.Color)	4289197108 (0xFFA7F434)
YUV	199.0890, -72.5149, -28.1421
Hunter-Lab	85.5364, -47.6284, 49.6214

# Details

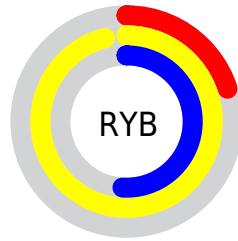
The Hex color **A7F434** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **8134F4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E3FF72**, and **6CBB00** is the 20% darker color. If you saturate the color by 10%, you get **9DF41C**, and if you desaturate by 10%, it is **B1F44C**.

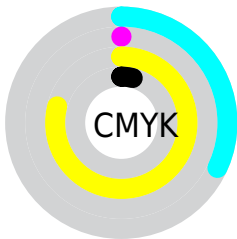
# Distribution



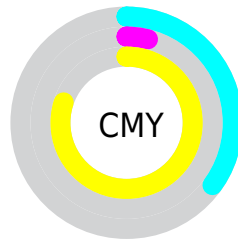
- Red (65%)
- Green (96%)
- Blue (20%)



- Red (20%)
- Yellow (96%)
- Blue (51%)



- Cyan (32%)
- Magenta (0%)
- Yellow (79%)
- Black (4%)



- Cyan (35%)
- Magenta (4%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7F434 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 A7F434 by changing the saturation by 10% instead.



 A7F434

 A7F434

FFFFFF

 89D700

 E3FF72

 6CBB00

 FFFF8F

 4EA000

 FFFFAC

 2D8500

 FFFFCA

 006B00

 FFFFE7

 005200

 003A00

 002400

 000000

 A7F434

 A7F434

 9DF41C

 B1F44C

 93F403

 BBF465

 92F400

 C4F47D

 CEF496

 D8F4AE

 E2F4C6

 EBF4DF

 F5F4F7

 FFF4FF

# Harmonies

## Analogous

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



FFDD00



A7F434



00FF89

# Triad

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



A7F434



00FCFF



FF83DA

# Complementary

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



A7F434



8134F4

# 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.



FF9AFF



A7F434



00E6FF

# Square

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



A7F434



00FFFF



E7C3FF



FF9584

# Rectangle

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



A7F434



00FFC5



E7C3FF



FF86F7

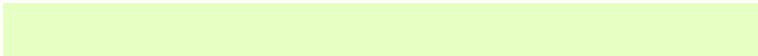


# Sweetspot

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



A7F434



E6FFC2



F48134



71805B



000000



808080



# Same Dimension

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



A7F434



9FFF0F



47F434



757A6E



6FBA00



233B00



# Inverse Universe

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



8134F4



6F0FFF



E134F4



736E7A



4B00BA

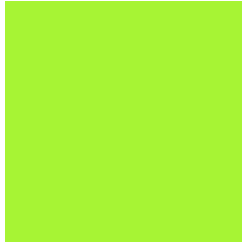


18003B



# Previews

## White Background



This preview shows how the Hex color A7F434 looks on a white background.

## Color Contrast Check

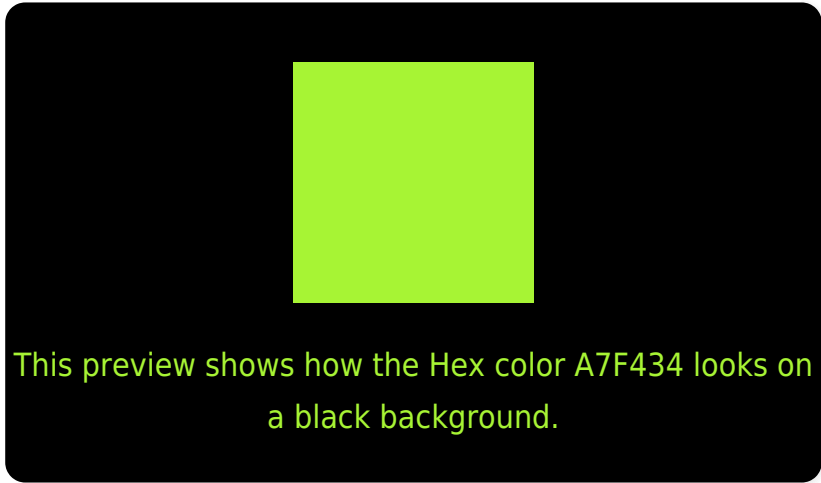
Large Text (above 18pt) WCAG AA × Fail

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 A7F434 Background



This preview shows how black text looks on a background with the Hex color A7F434.

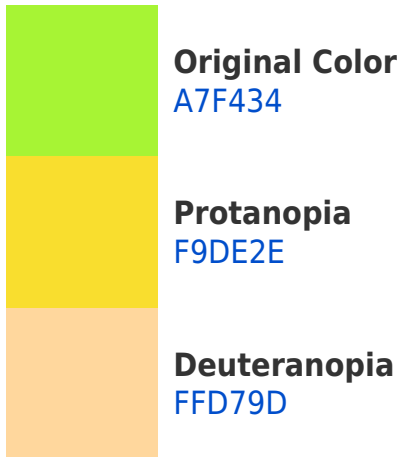


This preview shows how white text looks on a background with the Hex color A7F434.

# 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**  
BEE3F5

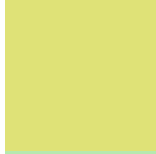
# Trichromacy



**Original Color**  
A7F434



**Protanomaly**  
DBE630



**Deuteranomaly**  
DFE277

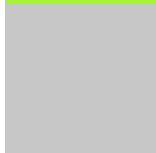


**Tritanomaly**  
B6E9AF

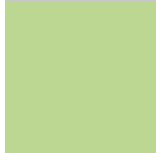
# Monochromacy



**Original Color**  
A7F434



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
BBD792

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7F434 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 #A7F434 looks like.

```
.text, #text, p{  
    color:#A7F434  
}
```

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 #A7F434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7F434
}
```

## Border

The CSS property to change the border of an element to Hex A7F434 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
#A7F434 }
```

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

```
.border{ border-color:#A7F434 }
```

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

Here you see how a box with a 4 pixel #A7F434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7F434; -webkit-box-shadow:4px 4px  
4px 4px #A7F434; box-shadow:4px 4px 4px  
4px #A7F434 }
```

# Background

The CSS property to change the background color of an element to Hex A7F434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7F434 }
```

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

```
.background{ background-color:#A7F434 }
```

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