

Converting Colors

Hex(A7FF58)

Have a look what the booklet for
Hex(A7FF58) contains.

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Color

Hex(A7FF58)

Conversions

Conversions Part 1

Format	Color
Hex	A7FF58
RGB	167, 255, 88
RGB Percent	65%, 100%, 35%
CMY	0.3451, 0.0000, 0.6549
CMYK	0.35, 0.00, 0.65, 0.00
HSL	92°, 100%, 67%
HSV	92°, 65%, 100%
XYZ	53.4578, 80.4401, 21.9415
YIQ	209.6500, 1.1590, -70.5930

Conversions

Conversions Part 2

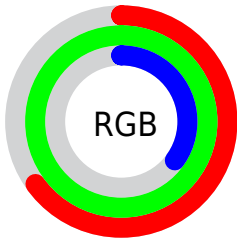
Format	Color
RYB	88, 255, 176
Decimal	11009880
CIELab	91.88, -52.28, 68.75
CIELCh	92, 86.370, 127.253
Yxy	80.4401, 0.3430, 0.5162
Android (android.graphics.Color)	4289199960 (0xFFA7FF58)
YUV	209.6500, -59.9734, -37.4041
Hunter-Lab	89.6884, -50.5617, 48.2771

Details

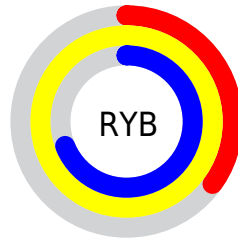
The Hex color **A7FF58** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B058FF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **E2FF91**, and **6CC615** is the 20% darker color. If you saturate the color by 10%, you get **9AFF3F**, and if you desaturate by 10%, it is **B4FF72**.

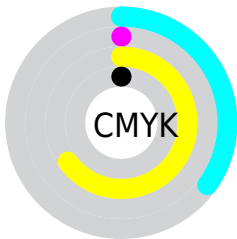
Distribution



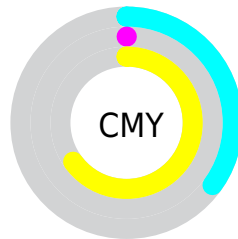
- Red (65%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7FF58 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 A7FF58 by changing the saturation by 10% instead.

 A7FF58

 A7FF58

FFFFFF

 8AE23A

 E2FF91

 6CC615

 FFFFAD

 4EAA00

 FFFFCA

 2D8F00

 FFFFE7

 007500

 005B00

 004200

 002D00

 000D00

 A7FF58

 A7FF58

 9AFF3F

 B4FF72

 8CFF25

 C2FF8B

 7FFF0C

 CFFFA5

 79FF00

 DDFBFE

 EAFFD8

 F8FFF1

FFFFFF

Harmonies

Analogous

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



FFEA28



A7FF58



00FFA4

Triad

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



A7FF58



00FFFF



FF97D7

Complementary

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



A7FF58



B058FF

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.



FFA5FF



A7FF58



45EBFF

Square

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



A7FF58



00FFFF



FFC9FF



FFAA88

Rectangle

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



A7FF58



00FFDD



FFC9FF



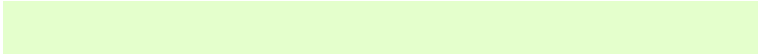
FF98F3

Sweetspot

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



A7FF58



E4FFCC



FFAE58



6F8061



000000



808080

Same Dimension

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



A7FF58



95FF36



58FF5B



798073



5ABF00



1E4000

Inverse Universe

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



B058FF



A036FF



FF58FC



797380



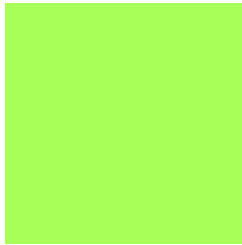
6500BF



220040

Previews

White Background



This preview shows how the Hex color A7FF58 looks on a white background.

Color Contrast Check

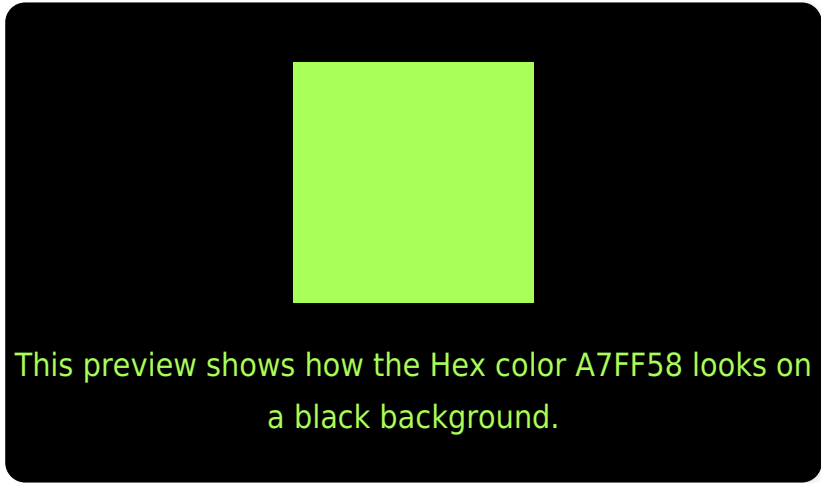
Large Text (above 18pt) WCAG AA × Fail

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

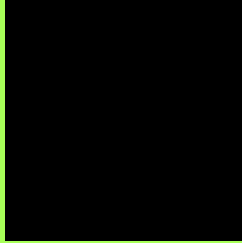
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

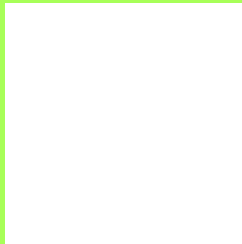
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A7FF58 Background



This preview shows how black text looks on a background with the Hex color A7FF58.

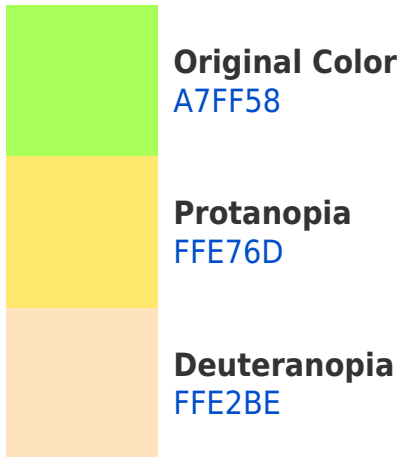


This preview shows how white text looks on a background with the Hex color A7FF58.

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



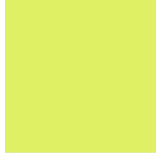


Tritanopia
C4EEFF

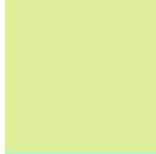
Trichromacy



Original Color
A7FF58



Protanomaly
DFF065

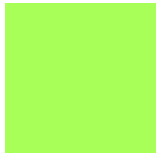


Deuteranomaly
DFED99

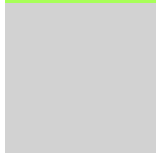


Tritanomaly
B9F4C2

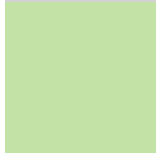
Monochromacy



Original Color
A7FF58



Achromatopsia
D2D2D2



Achromatomaly
C2E2A6

CSS Examples

Text

The CSS property to change the color of the text to Hex A7FF58 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 #A7FF58 looks like.

```
.text, #text, p{  
    color:#A7FF58  
}
```

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 #A7FF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7FF58
}
```

Border

The CSS property to change the border of an element to Hex A7FF58 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
#A7FF58 }
```

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

```
.border{ border-color:#A7FF58 }
```

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

Here you see how a box with a 4 pixel #A7FF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7FF58; -webkit-box-shadow:4px 4px  
4px 4px #A7FF58; box-shadow:4px 4px 4px  
4px #A7FF58 }
```

Background

The CSS property to change the background color of an element to Hex A7FF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7FF58 }
```

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

```
.background{ background-color:#A7FF58 }
```

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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