

Converting Colors

Hex(A1FD68)

Have a look what the booklet for
Hex(A1FD68) contains.

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Color

Hex(A1FD68)

Conversions

Conversions Part 1

Format	Color
Hex	A1FD68
RGB	161, 253, 104
RGB Percent	63%, 99%, 41%
CMY	0.3686, 0.0078, 0.5922
CMYK	0.36, 0.00, 0.59, 0.01
HSL	97°, 97%, 70%
HSV	97°, 59%, 99%
XYZ	52.3219, 78.8271, 25.5542
YIQ	208.5060, -7.0030, -65.8430

Conversions

Conversions Part 2

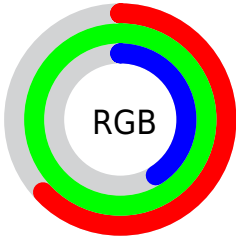
Format	Color
RYB	104, 253, 196
Decimal	10616168
CIELab	91.16, -52.10, 61.39
CIElCh	91, 80.513, 130.322
Yxy	78.8271, 0.3339, 0.5030
Android (android.graphics.Color)	4288806248 (0xFFA1FD68)
YUV	208.5060, -51.5215, -41.6628
Hunter-Lab	88.7846, -50.1808, 45.0843

Details

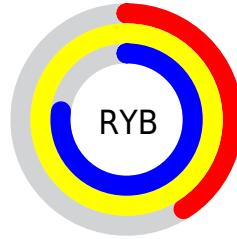
The Hex color **A1FD68** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C468FD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **DCFF9F**, and **67C42F** is the 20% darker color. If you saturate the color by 10%, you get **91FD4F**, and if you desaturate by 10%, it is **B1FD81**.

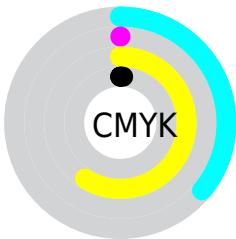
Distribution



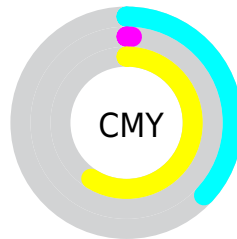
- Red (63%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)



- Cyan (37%)
- Magenta (1%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1FD68 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 A1FD68 by changing the saturation by 10% instead.

 A1FD68

 A1FD68

FFFFFF

 84E04C

 DCFF9F

 67C42F

 FAFFBC

 49A807

 FFFFD9

 278D00

 FFFFF6

 007300

 005900

 004100

 002B00

 000800

 A1FD68

 A1FD68

 91FD4F

 B1FD81

 82FD35

 C0FD9B

 72FD1C

 D0FDB4

 63FD03

 DFFDCD

 61FD00

 EFFDE7

 FFFDFF

Harmonies

Analogous

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



F5EA3D



A1FD68



00FFAF

Triad

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



A1FD68



00FCFF



FF9DCE

Complementary

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



A1FD68



C468FD

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.



FFA7FF



A1FD68



7CE5FF

Square

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



A1FD68



00FFFF



FFC6FF



FFB085

Rectangle

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



A1FD68



00FFE4



FFC6FF



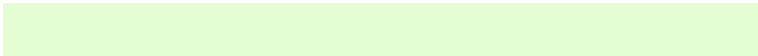
FF9DE8

Sweetspot

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



A1FD68



E3FFD1



FDC468



6E8063



000000



808080

Same Dimension

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



A1FD68



8FFF4A



68FD79



788073



49BF00



184000

Inverse Universe

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



C468FD



BA4AFF



FD68EC



7B7380



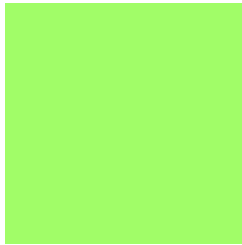
7600BF



270040

Previews

White Background



This preview shows how the Hex color A1FD68 looks on a white background.

Color Contrast Check

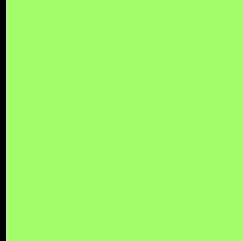
Large Text (above 18pt) WCAG AA × Fail

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 A1FD68 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

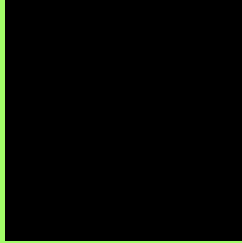
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

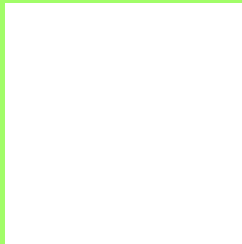
Any Text WCAG AAA ✓ Pass

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

Hex A1FD68 Background



This preview shows how black text looks on a background with the Hex color A1FD68.

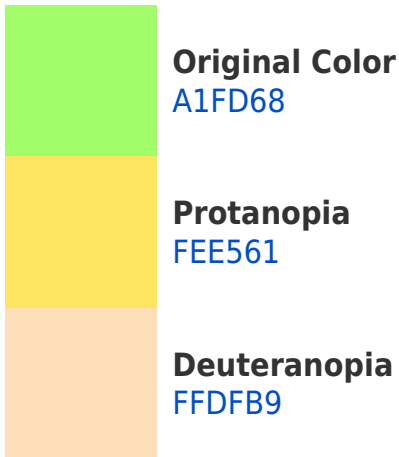


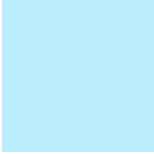
This preview shows how white text looks on a background with the Hex color A1FD68.

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



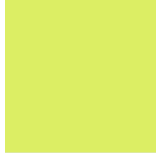


Tritanopia
BBEDFF

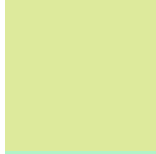
Trichromacy



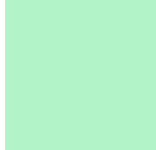
Original Color
A1FD68



Protanomaly
DCEE64



Deuteranomaly
DDEA9C

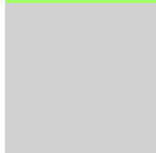


Tritanomaly
B2F3C8

Monochromacy



Original Color
A1FD68



Achromatopsia
D1D1D1



Achromatomaly
C0E1AB

CSS Examples

Text

The CSS property to change the color of the text to Hex A1FD68 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 #A1FD68 looks like.

```
.text, #text, p{  
    color:#A1FD68  
}
```

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 #A1FD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1FD68  
}
```

Border

The CSS property to change the border of an element to Hex A1FD68 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  
#A1FD68 }
```

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

```
.border{ border-color:#A1FD68 }
```

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

Here you see how a box with a 4 pixel #A1FD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1FD68; -webkit-box-shadow:4px 4px  
4px 4px #A1FD68; box-shadow:4px 4px 4px  
4px #A1FD68 }
```

Background

The CSS property to change the background color of an element to Hex A1FD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1FD68 }
```

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

```
.background{ background-color:#A1FD68 }
```

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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