

Converting Colors

Hex(A2FF52)

Have a look what the booklet for
Hex(A2FF52) contains.

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Color

Hex(A2FF52)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A2FF52 |
| RGB | 162, 255, 82 |
| RGB Percent | 64%, 100%, 32% |
| CMY | 0.3647, 0.0000, 0.6784 |
| CMYK | 0.36, 0.00, 0.68, 0.00 |
| HSL | 92°, 100%, 66% |
| HSV | 92°, 68%, 100% |
| XYZ | 52.1833, 79.8106, 20.6373 |
| YIQ | 207.4710, 0.1050, -73.5190 |

Conversions

Conversions Part 2

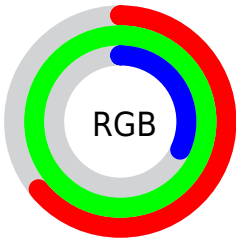
| Format | Color |
|-------------------------------------|--|
| RYB | 82, 255, 175 |
| Decimal | 10682194 |
| CIELab | 91.60, -54.37, 70.63 |
| CIElCh | 92, 89.137, 127.589 |
| Yxy | 79.8106, 0.3419, 0.5229 |
| Android (android.graphics.Color) | 4288872274 (0xFFA2FF52) |
| YUV | 207.4710, -61.8572, -39.8781 |
| Hunter-Lab | 89.3368, -52.0741, 48.8394 |

Details

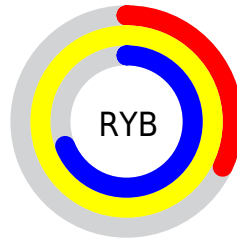
The Hex color **A2FF52** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **AF52FF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **DEFF8B**, and **67C604** is the 20% darker color. If you saturate the color by 10%, you get **94FF39**, and if you desaturate by 10%, it is **B0FF6B**.

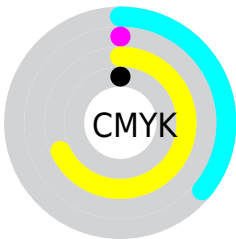
Distribution



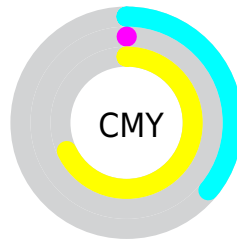
- Red (64%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2FF52 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 A2FF52 by changing the saturation by 10% instead.

 A2FF52

 A2FF52

FFFFFF

 84E233

 DEFF8B

 67C604

 FCFFA8

 48AA00

 FFFFC5

 248F00

 FFFFE2

 007400

 005B00

 004200

 002C00

 000B00

 A2FF52

 A2FF52

 94FF39

 B0FF6B

 87FF1F

 BDFF85

 79FF06

 CBFF9F

 76FF00

 D9FFB8

 E7FFD2

 F4FFEB

FFFFFF

Harmonies

Analogous

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



FDEA16



A2FF52



00FFA2

Triad

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



A2FF52



00FFFF



FF92D5

Complementary

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



A2FF52



AF52FF

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.



FFA1FF



A2FF52



30EAFF

Square

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



A2FF52



00FFFF



FFC6FF



FFA783

Rectangle

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



A2FF52



00FFDD



FFC6FF



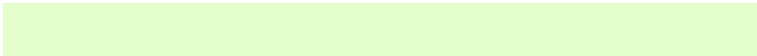
FF93F2

Sweetspot

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



A2FF52



E4FFCC



FFAE52



6F8061



000000



808080

Same Dimension

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



A2FF52



90FF30



52FF58



798073



58BF00



1D4000

Inverse Universe

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



AF52FF



9F30FF



FF52F9



7A7380



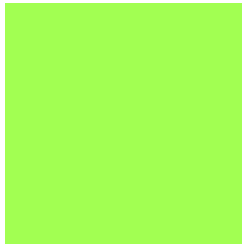
6700BF



220040

Previews

White Background



This preview shows how the Hex color A2FF52 looks on a white background.

Color Contrast Check

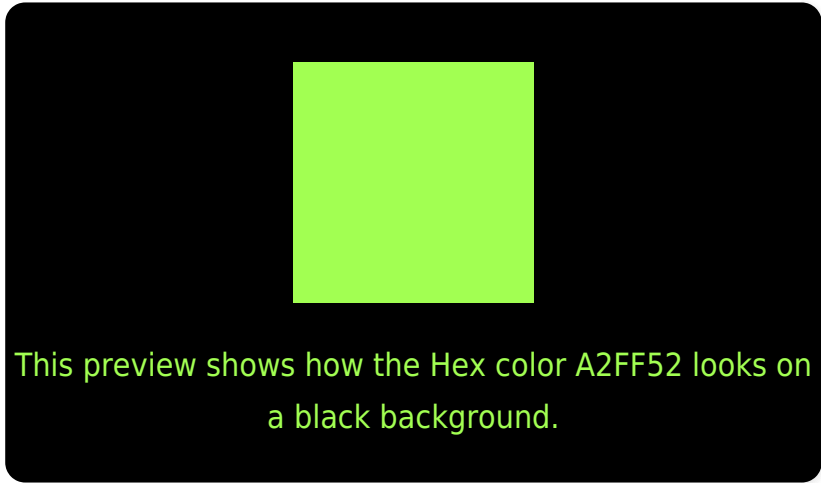
Large Text (above 18pt) WCAG AA × Fail

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

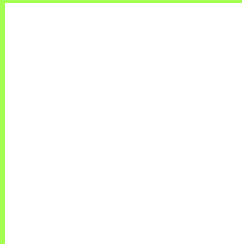
Any Text WCAG AAA ✓ Pass

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

Hex A2FF52 Background



This preview shows how black text looks on a background with the Hex color A2FF52.

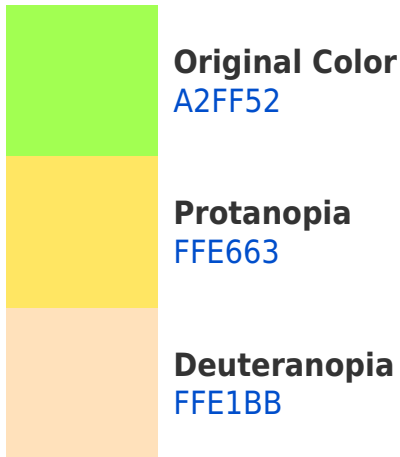


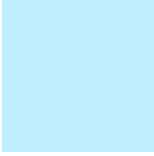
This preview shows how white text looks on a background with the Hex color A2FF52.

Color Blindness Simulation

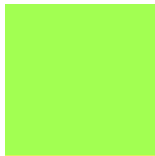
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

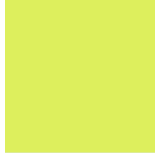




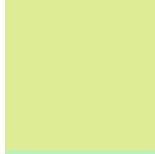
Trichromacy



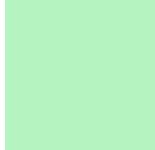
Original Color
A2FF52



Protanomaly
DDEF5D

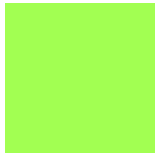


Deuteranomaly
DDEC95

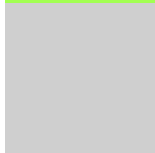


Tritanomaly
B5F4C0

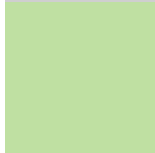
Monochromacy



Original Color
A2FF52



Achromatopsia
CFCFCF



Achromatomaly
BFE0A2

CSS Examples

Text

The CSS property to change the color of the text to Hex A2FF52 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 #A2FF52 looks like.

```
.text, #text, p{  
    color:#A2FF52  
}
```

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 #A2FF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2FF52
}
```

Border

The CSS property to change the border of an element to Hex A2FF52 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
#A2FF52 }
```

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

```
.border{ border-color:#A2FF52 }
```

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

Here you see how a box with a 4 pixel #A2FF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2FF52; -webkit-box-shadow:4px 4px  
4px 4px #A2FF52; box-shadow:4px 4px 4px  
4px #A2FF52 }
```

Background

The CSS property to change the background color of an element to Hex A2FF52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2FF52 }
```

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

```
.background{ background-color:#A2FF52 }
```

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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