

# Converting Colors

Hex(A3FF14)

Have a look what the booklet for  
Hex(A3FF14) contains.

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# Color

Hex(A3FF14)

# Conversions

## Conversions Part 1

Format	Color
Hex	A3FF14
RGB	163, 255, 20
RGB Percent	64%, 100%, 8%
CMY	0.3608, 0.0000, 0.9216
CMYK	0.36, 0.00, 0.92, 0.00
HSL	83°, 100%, 54%
HSV	83°, 92%, 100%
XYZ	50.9905, 79.3570, 13.2918
YIQ	200.7020, 20.6030, -92.5890

# Conversions

## Conversions Part 2

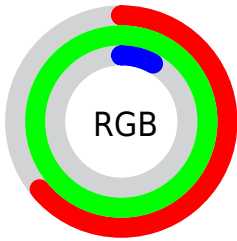
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 255, 112
Decimal	10747668
CIELab	91.40, -56.64, 85.95
CIELCh	91, 102.934, 123.383
Yxy	79.3570, 0.3550, 0.5525
Android (android.graphics.Color)	4288937748 (0xFFA3FF14)
YUV	200.7020, -89.0861, -33.0647
Hunter-Lab	89.0826, -53.7218, 53.5113

# Details

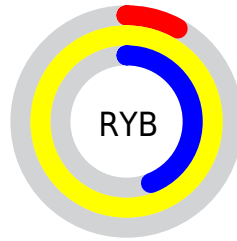
The Hex color **A3FF14** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **7014FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E0FF63**, and **66C600** is the 20% darker color. If you saturate the color by 10%, you get **9BFF00**, and if you desaturate by 10%, it is **ADFF2E**.

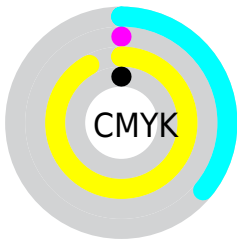
# Distribution



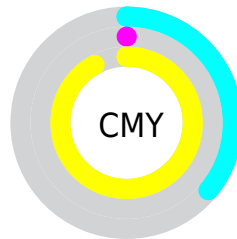
- Red (64%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3FF14 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 A3FF14 by changing the saturation by 10% instead.



 A3FF14

 A3FF14

FFFFFF

 85E200

 E0FF63

 66C600

 FFFF81

 45AA00

 FFFF9F

 1E8F00

 FFFFBD

 007400

 FFFFDB

 005B00

 FFFFF9

 004200

 002C00

 000A00

 A3FF14

 A3FF14

 9BFF00

 ADFF2E

 B7FF47

 C1FF61

 CBFF7A

 D5FF93

 DFFFAD

 E9FFC7

 F3FFE0

 FDFFFA

# Harmonies

## Analogous

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



FFE600



A3FF14



00FF88

# Triad

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



A3FF14



00FFFF



FF78DF

# Complementary

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



A3FF14



7014FF

# 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.



FF95FF



A3FF14



00EFFF

# Square

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



A3FF14



00FFFF



F1C7FF



FF917F

# Rectangle

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



A3FF14



00FFCC



F1C7FF



FF7CFF

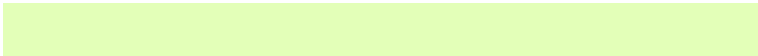


# Sweetspot

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



A3FF14



E3FFB8



FF6E14



6F8054



000000



808080



# Same Dimension

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



A3FF14



9BFF00



2FFF14



7B8073



74BF00



274000



# Inverse Universe

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



7014FF



6400FF



E414FF



787380



4B00BF

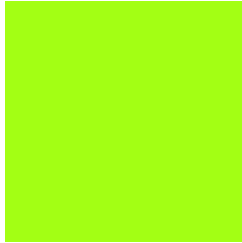


190040



# Previews

## White Background



This preview shows how the Hex color A3FF14 looks on a white background.

## Color Contrast Check

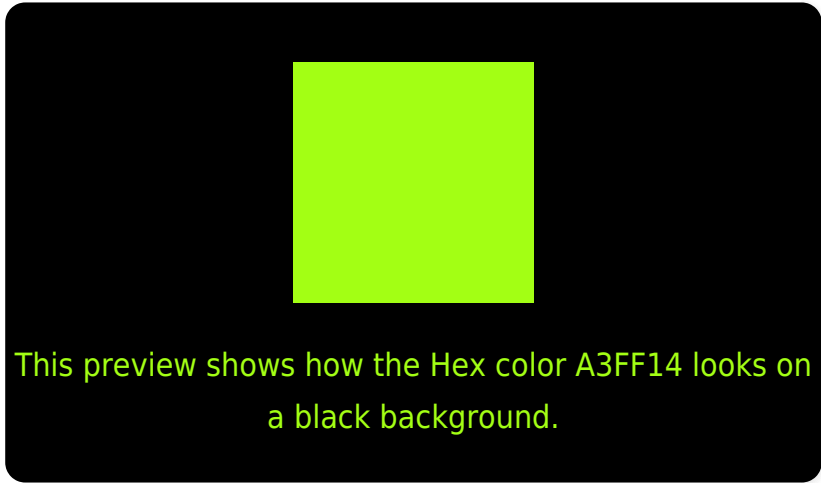
Large Text (above 18pt) WCAG AA × Fail

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 A3FF14 Background



This preview shows how black text looks on a background with the Hex color A3FF14.

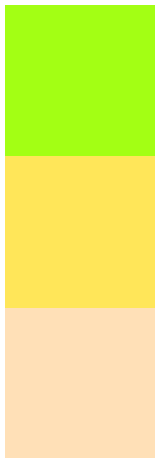


This preview shows how white text looks on a background with the Hex color A3FF14.

# 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



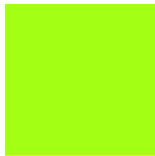
**Original Color**  
A3FF14

**Protanopia**  
FFE659

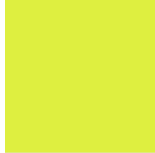
**Deuteranopia**  
FFE0B7



# Trichromacy



**Original Color**  
A3FF14



**Protanomaly**  
DEEF40



**Deuteranomaly**  
DEEB7C

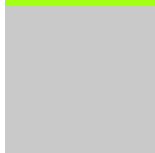


**Tritanomaly**  
B5F4AA

# Monochromacy



**Original Color**  
A3FF14



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
BBDD87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3FF14 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 #A3FF14 looks like.

```
.text, #text, p{  
    color:#A3FF14  
}
```

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 #A3FF14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3FF14
}
```

## Border

The CSS property to change the border of an element to Hex A3FF14 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
#A3FF14 }
```

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

```
.border{ border-color:#A3FF14 }
```

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

Here you see how a box with a 4 pixel #A3FF14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3FF14; -webkit-box-shadow:4px 4px  
4px 4px #A3FF14; box-shadow:4px 4px 4px  
4px #A3FF14 }
```

# Background

The CSS property to change the background color of an element to Hex A3FF14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3FF14 }
```

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

```
.background{ background-color:#A3FF14 }
```

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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