

Converting Colors

Hex(A3C51F)

Have a look what the booklet for
Hex(A3C51F) contains.

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Color

Hex(A3C51F)

Conversions

Conversions Part 1

Format	Color
Hex	A3C51F
RGB	163, 197, 31
RGB Percent	64%, 77%, 12%
CMY	0.3608, 0.2275, 0.8784
CMYK	0.17, 0.00, 0.84, 0.23
HSL	72°, 73%, 45%
HSV	72°, 84%, 77%
XYZ	35.3178, 47.8180, 8.6647
YIQ	167.9100, 33.0220, -58.8340

Conversions

Conversions Part 2

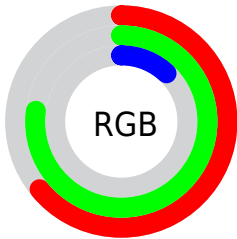
Format	Color
RYB	31, 197, 65
Decimal	10732831
CIELab	74.71, -31.53, 70.37
CIELCh	75, 77.111, 114.133
Yxy	47.8180, 0.3847, 0.5209
Android (android.graphics.Color)	4288922911 (0xFFA3C51F)
YUV	167.9100, -67.4966, -4.3061
Hunter-Lab	69.1505, -29.8466, 40.9762

Details

The Hex color **A3C51F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **411FC5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DDFE5E**, and **6A8F00** is the 20% darker color. If you saturate the color by 10%, you get **9FC50B**, and if you desaturate by 10%, it is **A7C533**.

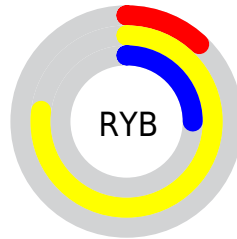
Distribution



Red (64%)

Green (77%)

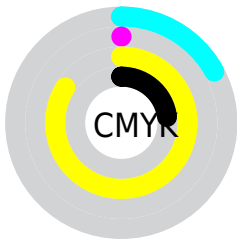
Blue (12%)



Red (12%)

Yellow (77%)

Blue (25%)

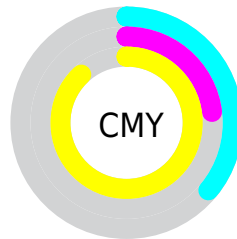


Cyan (17%)

Magenta (0%)

Yellow (84%)

Black (23%)



Cyan (36%)

Magenta (23%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3C51F 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 A3C51F by changing the saturation by 10% instead.



A3C51F



A3C51F

FFFFFF



86AA00



DDFE5E



6A8F00



FBFF7A



4F7500



FFFF97



335D00



FFFFB3



144500



FFFF00



002E00



FFFED



001900



000000



A3C51F



A3C51F

■ 9FC50B

■ A7C533

■ 9DC500

■ ABC546

■ AFC55A

■ B3C56E

■ B7C582

■ BBC595

■ BFC5A9

■ C3C5BD

■ C7C5D0

Harmonies

Analogous

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



E6B007



A3C51F



3CD25F

Triad

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



A3C51F



00D3FF



FF72C9

Complementary

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



A3C51F



411FC5

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.



FF8BFF



A3C51F



00C4FF

Square

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



A3C51F



00D9F0



9CABFF



FF7782

Rectangle

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



A3C51F



00D78E



9CABFF



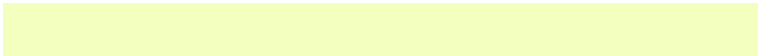
FF78E1

Sweetspot

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



A3C51F



F2FFBF



C5401F



788059



000000



808080

Same Dimension

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



A3C51F



CBFF00



51C51F



61635A



82A300



1C2400

Inverse Universe

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



411FC5



3400FF



931FC5



5C5A63



2100A3



070024

Previews

White Background



This preview shows how the Hex color A3C51F looks on a white background.

Color Contrast Check

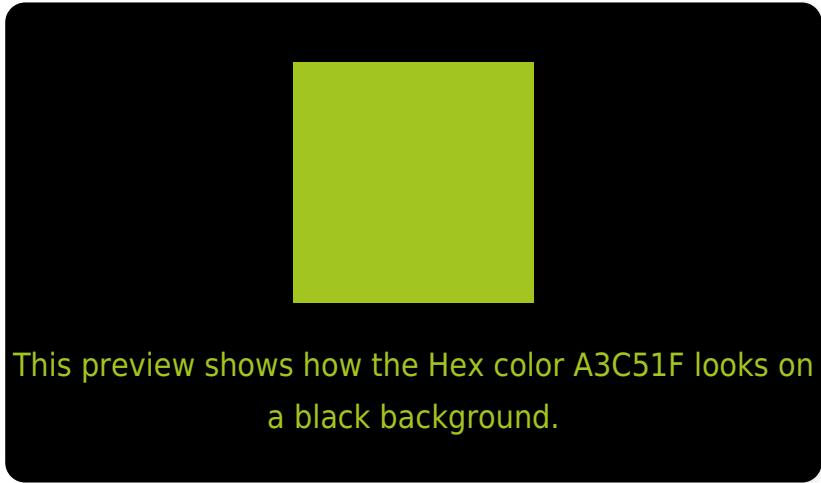
Large Text (above 18pt) WCAG AA × Fail

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 A3C51F Background



This preview shows how black text looks on a background with the Hex color A3C51F.



This preview shows how white text looks on a background with the Hex color A3C51F.

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
A3C51F

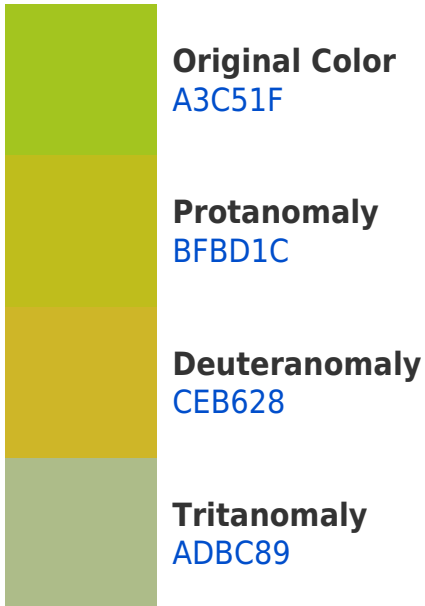
Protanopia
CFB81B

Deuteranopia
E7AE2D

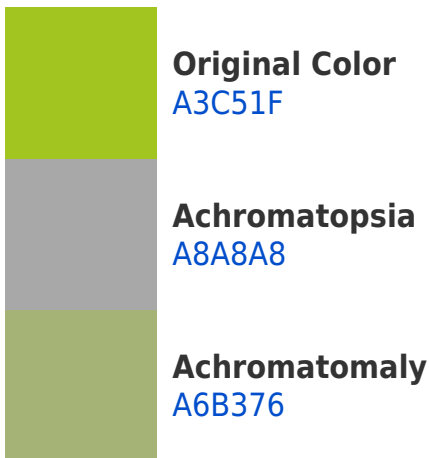


Tritanopia
B3B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3C51F 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 #A3C51F looks like.

```
.text, #text, p{  
    color:#A3C51F  
}
```

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 #A3C51F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C51F
}
```

Border

The CSS property to change the border of an element to Hex A3C51F 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
#A3C51F }
```

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

```
.border{ border-color:#A3C51F }
```

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

Here you see how a box with a 4 pixel #A3C51F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C51F; -webkit-box-shadow:4px 4px  
4px 4px #A3C51F; box-shadow:4px 4px 4px  
4px #A3C51F }
```

Background

The CSS property to change the background color of an element to Hex A3C51F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C51F }
```

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

```
.background{ background-color:#A3C51F }
```

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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