

Converting Colors

Hex(A3CA19)

Have a look what the booklet for
Hex(A3CA19) contains.

Hex(A3CA19)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A3CA19)

Conversions

Conversions Part 1

Format	Color
Hex	A3CA19
RGB	163, 202, 25
RGB Percent	64%, 79%, 10%
CMY	0.3608, 0.2078, 0.9020
CMYK	0.19, 0.00, 0.88, 0.21
HSL	73°, 78%, 45%
HSV	73°, 88%, 79%
XYZ	36.4003, 50.0978, 8.6710
YIQ	170.1610, 33.5730, -63.3150

Conversions

Conversions Part 2

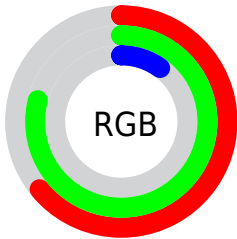
Format	Color
RYB	25, 202, 64
Decimal	10734105
CIELab	76.13, -34.01, 72.80
CIElCh	76, 80.349, 115.041
Yxy	50.0978, 0.3825, 0.5264
Android (android.graphics.Color)	4288924185 (0xFFA3CA19)
YUV	170.1610, -71.5644, -6.2802
Hunter-Lab	70.7798, -32.0666, 42.2824

Details

The Hex color **A3CA19** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4019CA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **DEFF5C**, and **6A9400** is the 20% darker color. If you saturate the color by 10%, you get **9FCA05**, and if you desaturate by 10%, it is **A7CA2D**.

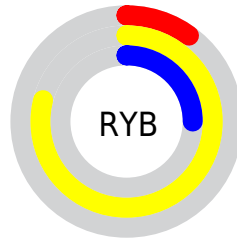
Distribution



Red (64%)

Green (79%)

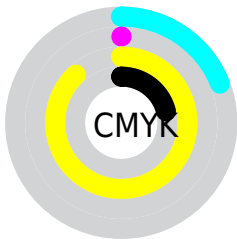
Blue (10%)



Red (10%)

Yellow (79%)

Blue (25%)

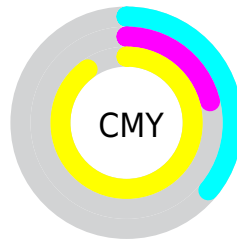


Cyan (19%)

Magenta (0%)

Yellow (88%)

Black (21%)



Cyan (36%)

Magenta (21%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3CA19 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 A3CA19 by changing the saturation by 10% instead.



A3CA19



A3CA19

FFFFFF



86AF00



DEFF5C



6A9400



FCFF78



4E7A00



FFFF95



326100



FFFFB1



114900



FFFCE



003200



FFFEC



001E00



000000



A3CA19



A3CA19

■ 9FCA05

■ A7CA2D

■ 9DCA00

■ ACCA41

■ B0CA56

■ B5CA6A

■ B9CA7E

■ BECA92

■ C2CAA6

■ C7CABB

■ CBCACF

Harmonies

Analogous

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



EAB400



A3CA19



2FD761

Triad

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



A3CA19



00D8FF



FF71CB

Complementary

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



A3CA19



4019CA

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



A3CA19



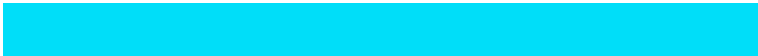
00C8FF

Square

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



A3CA19



00DEF9



A2ADFF



FF7882

Rectangle

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



A3CA19



00DC93



A2ADFF



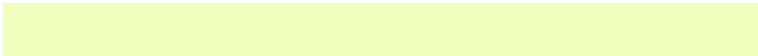
FF77E4

Sweetspot

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



A3CA19



F0FFBD



CA3F19



778058



000000



808080

Same Dimension

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



A3CA19



C7FF00



4BCA19



64665C



81A600



1E2600

Inverse Universe

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



4019CA



3800FF



9819CA



5E5C66



2500A6



080026

Previews

White Background



This preview shows how the Hex color A3CA19 looks on a white background.

Color Contrast Check

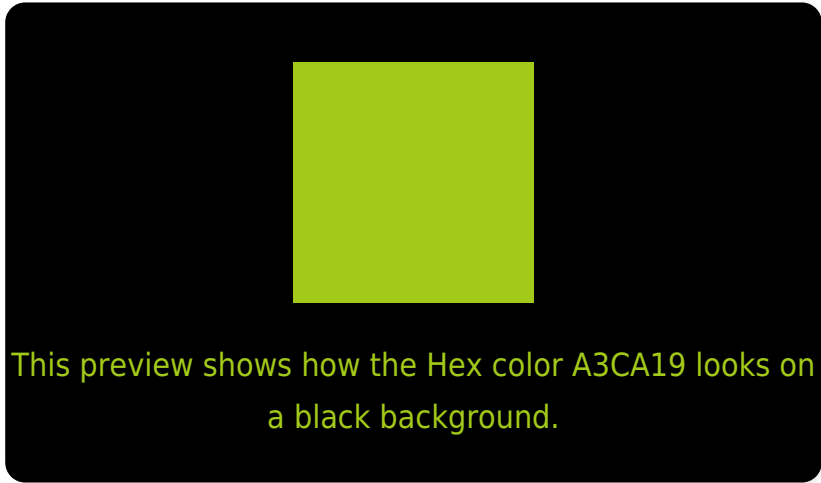
Large Text (above 18pt) WCAG AA × Fail

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 A3CA19 Background



This preview shows how black text looks on a background with the Hex color A3CA19.



This preview shows how white text looks on a background with the Hex color A3CA19.

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

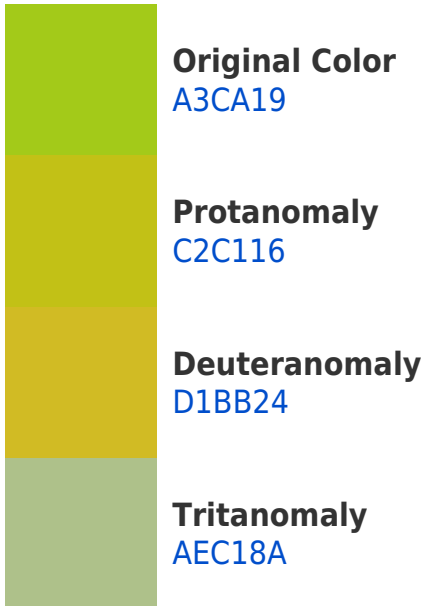


Original Color
A3CA19

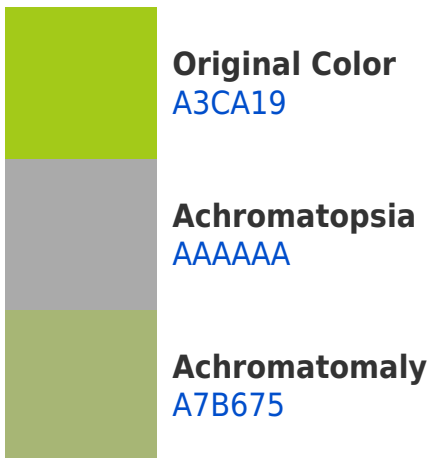
Protanopia
D3BC14

Deuteranopia
ECB22B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3CA19 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 #A3CA19 looks like.

```
.text, #text, p{  
    color:#A3CA19  
}
```

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 #A3CA19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3CA19
}
```

Border

The CSS property to change the border of an element to Hex A3CA19 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
#A3CA19 }
```

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

```
.border{ border-color:#A3CA19 }
```

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

Here you see how a box with a 4 pixel #A3CA19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3CA19; -webkit-box-shadow:4px 4px  
4px 4px #A3CA19; box-shadow:4px 4px 4px  
4px #A3CA19 }
```

Background

The CSS property to change the background color of an element to Hex A3CA19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3CA19 }
```

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

```
.background{ background-color:#A3CA19 }
```

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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