

Converting Colors

Hex(319A1A)

Have a look what the booklet for
Hex(319A1A) contains.

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Color

Hex(319A1A)

Conversions

Conversions Part 1

Format	Color
Hex	319A1A
RGB	49, 154, 26
RGB Percent	19%, 60%, 10%
CMY	0.8078, 0.3961, 0.8980
CMYK	0.68, 0.00, 0.83, 0.40
HSL	109°, 71%, 35%
HSV	109°, 83%, 60%
XYZ	13.0087, 23.8388, 4.8930
YIQ	108.0130, -21.4920, -62.0680

Conversions

Conversions Part 2

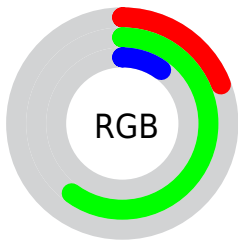
Format	Color
R_{YB}	26, 154, 131
Decimal	3250714
CIE _{Lab}	55.93, -52.35, 52.91
CIE _{LCh}	56, 74.430, 134.700
Yxy	23.8388, 0.3117, 0.5711
Android (android.graphics.Color)	4281440794 (0xFF319A1A)
YUV	108.0130, -40.4324, -51.7544
Hunter-Lab	48.8249, -37.8850, 28.2357

Details

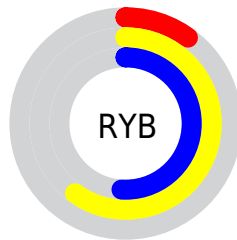
The Hex color **319A1A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **831A9A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6ED152**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **249A0B**, and if you desaturate by 10%, it is **3E9A29**.

Distribution



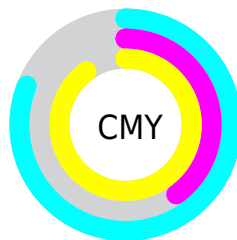
- Red (19%)
- Green (60%)
- Blue (10%)



- Red (10%)
- Yellow (60%)
- Blue (51%)



- Cyan (68%)
- Magenta (0%)
- Yellow (83%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319A1A 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 319A1A by changing the saturation by 10% instead.

 319A1A

 319A1A

FFFFFF

 007F00

 6ED152

 006500

 8BEE6D

 004C00

 A8FF88

 003500

 C5FFA3


 001D00

 E3FFBF

 000000

 FFFFDC

 FFFFF9

 319A1A

 319A1A

■ 249A0B

■ 3E9A29

■ 1C9A00

■ 4A9A39

■ 579A48

■ 649A58

■ 709A67

■ 7D9A76

■ 899A86

■ 969A95

■ A39AA5

Harmonies

Analogous

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



848D00



319A1A



00A161

Triad

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



319A1A



0097FF



F73A69

Complementary

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



319A1A



831A9A

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.



E842AA



319A1A



0083FF

Square

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



319A1A



00A0E0



AF64E3



E582B

Rectangle

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



319A1A



00A28F



AF64E3



F6377F

Sweetspot

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



319A1A



A0C997



9A831A



4D6647



E6E6E6



666666

Same Dimension

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



319A1A



24C900



1A9A43



464D45



198C00



020D00

Inverse Universe

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



831A9A



A500C9



9A1A71



4B454D



73008C



0A000D

Previews

White Background



This preview shows how the Hex color 319A1A looks on a white background.

Color Contrast Check

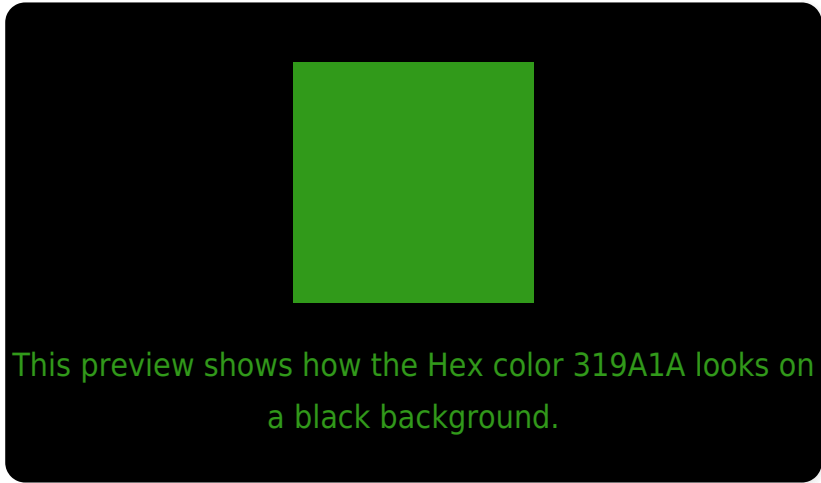
Large Text (above 18pt) WCAG AA ✓ Pass

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

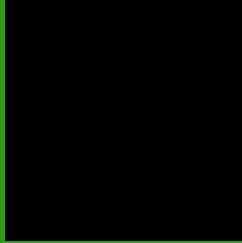
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 319A1A Background



This preview shows how black text looks on a background with the Hex color 319A1A.

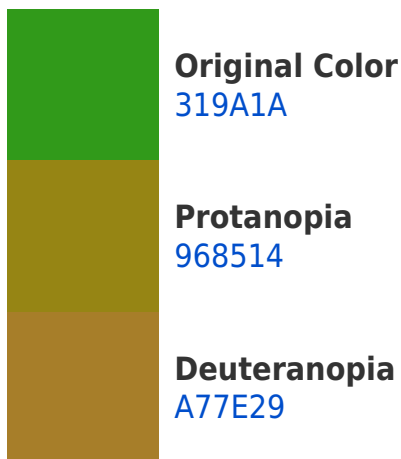


This preview shows how white text looks on a background with the Hex color 319A1A.

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
4E8F9B

Trichromacy



Original Color
319A1A



Protanomaly
718D16



Deuteranomaly
7C8824



Tritanomaly
43936C

Monochromacy



Original Color
319A1A



Achromatopsia
6C6C6C



Achromatomaly
577D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 319A1A 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 #319A1A looks like.

```
.text, #text, p{  
    color:#319A1A  
}
```

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 #319A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319A1A
}
```

Border

The CSS property to change the border of an element to Hex 319A1A 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
#319A1A }
```

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

```
.border{ border-color:#319A1A }
```

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

Here you see how a box with a 4 pixel #319A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319A1A; -webkit-box-shadow:4px 4px  
4px 4px #319A1A; box-shadow:4px 4px 4px  
4px #319A1A }
```

Background

The CSS property to change the background color of an element to Hex 319A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319A1A }
```

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

```
.background{ background-color:#319A1A }
```

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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