

Converting Colors

Hex(319A1C)

Have a look what the booklet for
Hex(319A1C) contains.

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Color

Hex(319A1C)

Conversions

Conversions Part 1

Format	Color
Hex	319A1C
RGB	49, 154, 28
RGB Percent	19%, 60%, 11%
CMY	0.8078, 0.3961, 0.8902
CMYK	0.68, 0.00, 0.82, 0.40
HSL	110°, 69%, 36%
HSV	110°, 82%, 60%
XYZ	13.0318, 23.8480, 5.0149
YIQ	108.2410, -22.1340, -61.4460

Conversions

Conversions Part 2

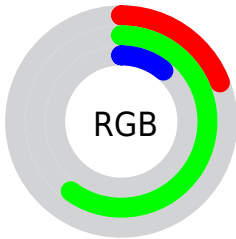
Format	Color
RYB	28, 154, 133
Decimal	3250716
CIELab	55.94, -52.24, 52.34
CIELCh	56, 73.947, 134.948
Yxy	23.8480, 0.3111, 0.5692
Android (android.graphics.Color)	4281440796 (0xFF319A1C)
YUV	108.2410, -39.5588, -51.9544
Hunter-Lab	48.8344, -37.8262, 28.0955

Details

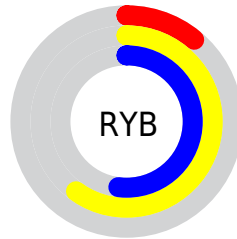
The Hex color **319A1C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **851C9A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6ED154**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **249A0D**, and if you desaturate by 10%, it is **3E9A2B**.

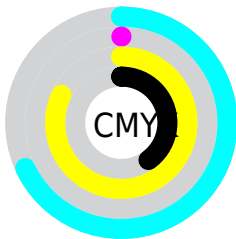
Distribution



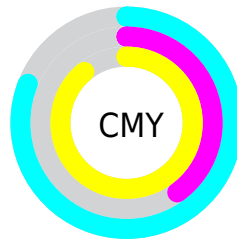
- Red (19%)
- Green (60%)
- Blue (11%)



- Red (11%)
- Yellow (60%)
- Blue (52%)



- Cyan (68%)
- Magenta (0%)
- Yellow (82%)
- Black (40%)




- Cyan (81%)
- Magenta (40%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319A1C 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 319A1C by changing the saturation by 10% instead.

 319A1C

 319A1C

FFFFFF

 007F00

 6ED154

 006500

 8BEE6E

 004C00

 A8FF89

 003500

 C5FFA5


 001D00

 E3FFC1

 000000

 FFFFDD

 FFFFFA

 319A1C

 319A1C

■ 249A0D

■ 3E9A2B

■ 1A9A00

■ 4B9A3B

■ 579A4A

■ 649A5A

■ 719A69

■ 7E9A78

■ 8B9A88

■ 989A97

■ A59AA7

Harmonies

Analogous

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



848D00



319A1C



00A062

Triad

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



319A1C



0097FF



F63C69

Complementary

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



319A1C



851C9A

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.



E742A9



319A1C



1083FF

Square

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



319A1C



00A0E0



B064E2



E5592C

Rectangle

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



319A1C



00A28F



B064E2



F5397E

Sweetspot

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



319A1C



9FC997



9A851C



4D6647



E6E6E6



666666

Same Dimension

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



319A1C



25C904



1C9A46



464D45



178C00



020D00

Inverse Universe

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



851C9A



A904C9



9A1C70



4B454D



75008C



0B000D

Previews

White Background



This preview shows how the Hex color 319A1C looks on a white background.

Color Contrast Check

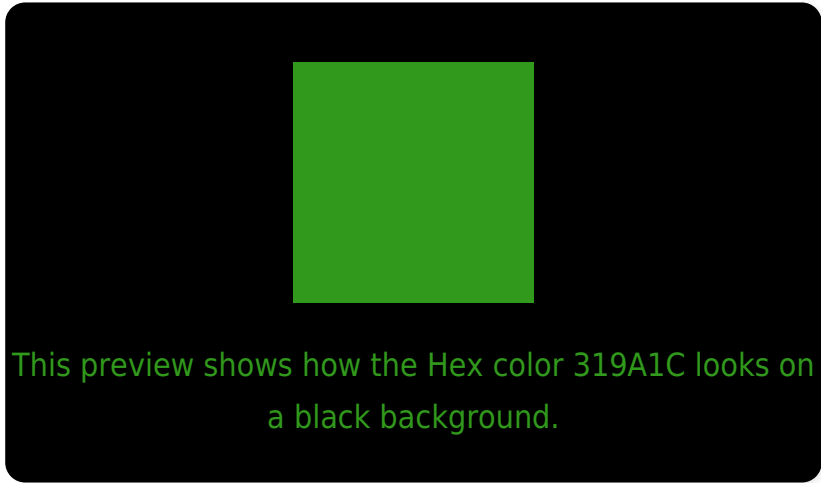
Large Text (above 18pt) WCAG AA ✓ Pass

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

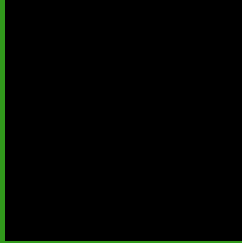
Any Text WCAG AA ✓ Pass

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 319A1C Background



This preview shows how black text looks on a background with the Hex color 319A1C.



This preview shows how white text looks on a background with the Hex color 319A1C.

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
319A1C

Protanopia
968516

Deuteranopia
A77E2A



Tritanopia
4E8F9B

Trichromacy



Original Color
319A1C



Protanomaly
718D18



Deuteranomaly
7C8825



Tritanomaly
43936D

Monochromacy



Original Color
319A1C



Achromatopsia
6C6C6C



Achromatomaly
577D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 319A1C 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 #319A1C looks like.

```
.text, #text, p{  
    color:#319A1C  
}
```

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 #319A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319A1C
}
```

Border

The CSS property to change the border of an element to Hex 319A1C 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
#319A1C }
```

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

```
.border{ border-color:#319A1C }
```

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

Here you see how a box with a 4 pixel #319A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319A1C; -webkit-box-shadow:4px 4px  
4px 4px #319A1C; box-shadow:4px 4px 4px  
4px #319A1C }
```

Background

The CSS property to change the background color of an element to Hex 319A1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319A1C }
```

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

```
.background{ background-color:#319A1C }
```

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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