

Converting Colors

Hex(319E21)

Have a look what the booklet for
Hex(319E21) contains.

Hex(319E21)	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(319E21)

Conversions

Conversions Part 1

Format	Color
Hex	319E21
RGB	49, 158, 33
RGB Percent	19%, 62%, 13%
CMY	0.8078, 0.3804, 0.8706
CMYK	0.69, 0.00, 0.79, 0.38
HSL	112°, 65%, 37%
HSV	112°, 79%, 62%
XYZ	13.7680, 25.2165, 5.5805
YIQ	111.1590, -24.8390, -61.9830

Conversions

Conversions Part 2

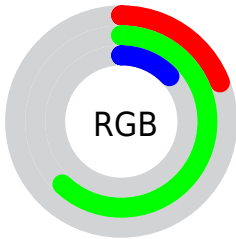
Format	Color
R_{YB}	33, 158, 142
Decimal	3251745
CIE _{Lab}	57.29, -53.30, 52.06
CIE _{LCh}	57, 74.506, 135.669
Yxy	25.2165, 0.3089, 0.5658
Android (android.graphics.Color)	4281441825 (0xFF319E21)
YUV	111.1590, -38.5324, -54.5134
Hunter-Lab	50.2160, -38.9377, 28.5624

Details

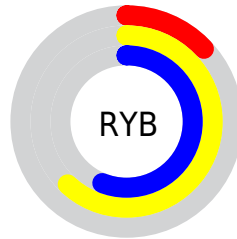
The Hex color **319E21** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8E219E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6FD658**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **239E11**, and if you desaturate by 10%, it is **3F9E31**.

Distribution



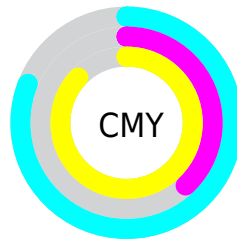
- Red (19%)
- Green (62%)
- Blue (13%)



- Red (13%)
- Yellow (62%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (79%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319E21 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 319E21 by changing the saturation by 10% instead.



319E21



319E21

FFFFFF



008300



6FD658



006900



8CF272



005000



A9FF8D



003800



C6FFA9



002100



E4FFC5



000000



FFFFE2



319E21



319E21



239E11



3F9E31

■ 159E01

■ 4D9E41

■ 149E00

■ 5A9E50

■ 689E60

■ 769E70

■ 849E80

■ 919E90

■ 9F9E9F

■ AD9EAF

Harmonies

Analogous

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



869100



319E21



00A467

Triad

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



319E21



009AFF



FB406B

Complementary

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



319E21



8E219E

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.



ED45AC



319E21



2686FF

Square

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



319E21



00A4E6



B667E5



E95C2D

Rectangle

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



319E21



00A695



B667E5



FA3C80

Sweetspot

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



319E21



A3CF9D



9E8D21



4E694A



E8E8E8



696969

Same Dimension

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



319E21



23CF0A



219E4F



484F47



128F00



020F00

Inverse Universe

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



8E219E



B50ACF



9E2170



4E474F



7D008F



0D000F

Previews

White Background



This preview shows how the Hex color 319E21 looks on a white background.

Color Contrast Check

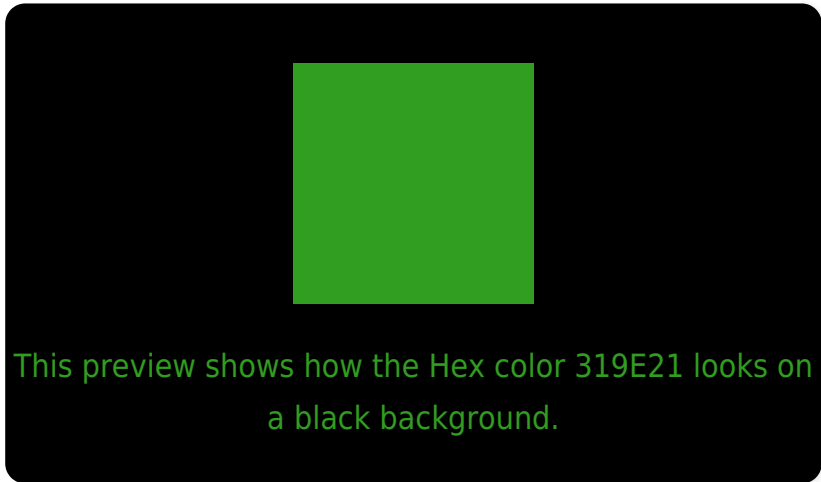
Large Text (above 18pt) WCAG AA ✓ Pass

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

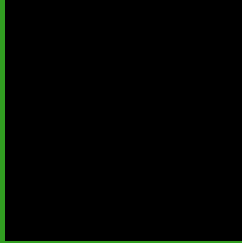
Any Text WCAG AA ✓ Pass

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 319E21 Background



This preview shows how black text looks on a background with the Hex color 319E21.



This preview shows how white text looks on a background with the Hex color 319E21.

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
319E21

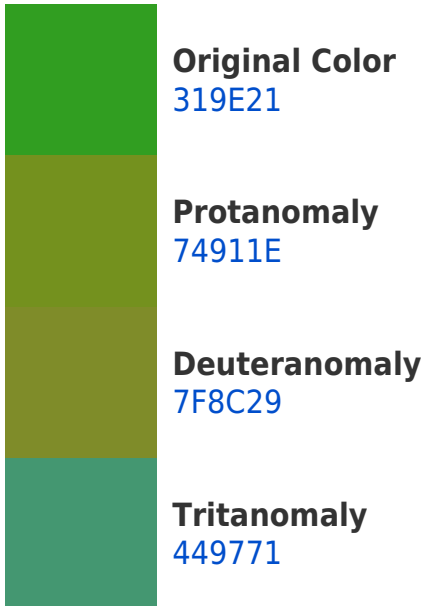
Protanopia
9A891C

Deuteranopia
AB822E



Tritanopia
4F939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319E21 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 #319E21 looks like.

```
.text, #text, p{  
    color:#319E21  
}
```

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 #319E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319E21
}
```

Border

The CSS property to change the border of an element to Hex 319E21 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
#319E21 }
```

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

```
.border{ border-color:#319E21 }
```

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

Here you see how a box with a 4 pixel #319E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319E21; -webkit-box-shadow:4px 4px  
4px 4px #319E21; box-shadow:4px 4px 4px  
4px #319E21 }
```

Background

The CSS property to change the background color of an element to Hex 319E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319E21 }
```

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

```
.background{ background-color:#319E21 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor