

Converting Colors

Hex(319D2D)

Have a look what the booklet for
Hex(319D2D) contains.

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Color

Hex(319D2D)

Conversions

Conversions Part 1

Format	Color
Hex	319D2D
RGB	49, 157, 45
RGB Percent	19%, 62%, 18%
CMY	0.8078, 0.3843, 0.8235
CMYK	0.69, 0.00, 0.71, 0.38
HSL	118°, 55%, 40%
HSV	118°, 71%, 62%
XYZ	13.7972, 24.9564, 6.5725
YIQ	111.9400, -28.4160, -57.7280

Conversions

Conversions Part 2

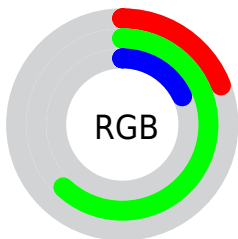
Format	Color
RYB	45, 157, 153
Decimal	3251501
CIELab	57.03, -52.02, 47.46
CIElCh	57, 70.419, 137.622
Yxy	24.9564, 0.3044, 0.5506
Android (android.graphics.Color)	4281441581 (0xFF319D2D)
YUV	111.9400, -33.0014, -55.1984
Hunter-Lab	49.9564, -38.1244, 27.1690

Details

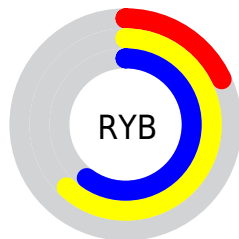
The Hex color **319D2D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **992D9D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6ED561**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **229D1D**, and if you desaturate by 10%, it is **409D3D**.

Distribution



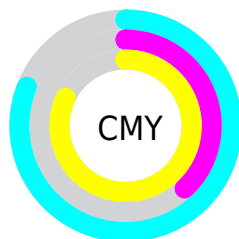
- Red (19%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (60%)



- Cyan (69%)
- Magenta (0%)
- Yellow (71%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319D2D 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 319D2D by changing the saturation by 10% instead.



319D2D



319D2D

FFFFFF



00820F



6ED561



006800



8BF17C



004F00



A8FF96



003700



C5FFB2



002000



E3FFCE



000000



FFFFEB



319D2D



319D2D



229D1D



409D3D

■ 139D0E

■ 4F9D4C

■ 069D00

■ 5E9D5C

■ 6E9D6C

■ 7D9D7C

■ 8C9D8B

■ 9B9D9B

■ AA9DAB

■ B99DBA

Harmonies

Analogous

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



839100



319D2D



00A36C

Triad

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



319D2D



0097FF



F54868

Complementary

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



319D2D



992D9D

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.



E94AA5



319D2D



4884FF

Square

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



319D2D



00A2E3



B866DD



E2612E

Rectangle

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



319D2D



00A597



B866DD



F5447C

Sweetspot

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



319D2D



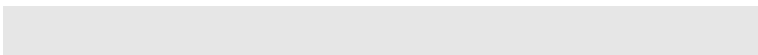
A3CCA1



9D972D



4D664D



E6E6E6



666666

Same Dimension

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



319D2D



23CC1D



2D9D5F



474F47



058F00



010F00

Inverse Universe

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



992D9D



C61DCC



9D2D6B



4F474F



8A008F



0F000F

Previews

White Background



This preview shows how the Hex color 319D2D looks on a white background.

Color Contrast Check

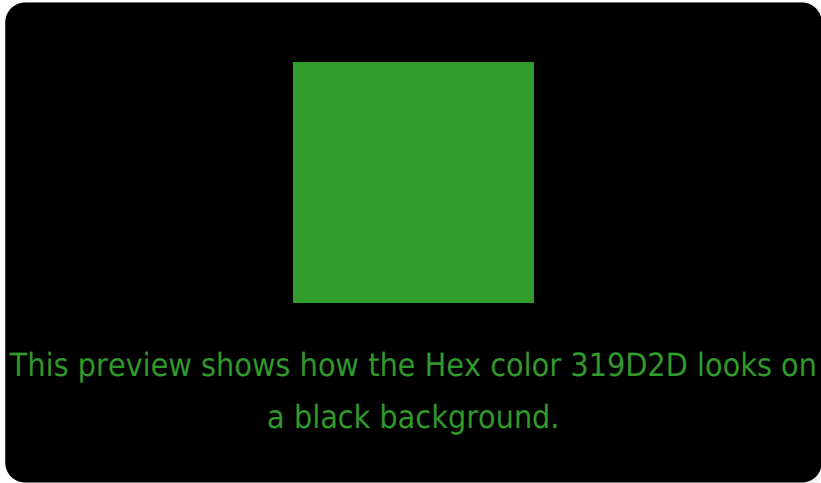
Large Text (above 18pt) WCAG AA ✓ Pass

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 319D2D Background



This preview shows how black text looks on a background with the Hex color 319D2D.



This preview shows how white text looks on a background with the Hex color 319D2D.

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
319D2D

Protanopia
988828

Deuteranopia
A98137



Tritanopia
4E939E

Trichromacy



Original Color
319D2D



Protanomaly
73902A



Deuteranomaly
7D8B33



Tritanomaly
439775

Monochromacy



Original Color
319D2D



Achromatopsia
707070



Achromatomaly
598058

CSS Examples

Text

The CSS property to change the color of the text to Hex 319D2D 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 #319D2D looks like.

```
.text, #text, p{  
    color:#319D2D  
}
```

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 #319D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319D2D
}
```

Border

The CSS property to change the border of an element to Hex 319D2D 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
#319D2D }
```

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

```
.border{ border-color:#319D2D }
```

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

Here you see how a box with a 4 pixel #319D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319D2D; -webkit-box-shadow:4px 4px  
4px 4px #319D2D; box-shadow:4px 4px 4px  
4px #319D2D }
```

Background

The CSS property to change the background color of an element to Hex 319D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319D2D }
```

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

```
.background{ background-color:#319D2D }
```

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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