

Converting Colors

Hex(318A3A)

Have a look what the booklet for
Hex(318A3A) contains.

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Color

Hex(318A3A)

Conversions

Conversions Part 1

Format	Color
Hex	318A3A
RGB	49, 138, 58
RGB Percent	19%, 54%, 23%
CMY	0.8078, 0.4588, 0.7725
CMYK	0.64, 0.00, 0.58, 0.46
HSL	126°, 48%, 37%
HSV	126°, 64%, 54%
XYZ	11.1188, 19.1354, 7.1105
YIQ	102.2690, -27.3640, -43.7480

Conversions

Conversions Part 2

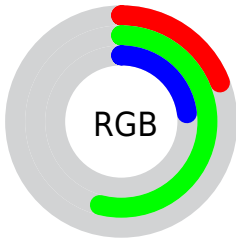
Format	Color
RYB	49, 130, 138
Decimal	3246650
CIELab	50.85, -43.59, 34.71
CIElCh	51, 55.722, 141.469
Yxy	19.1354, 0.2976, 0.5121
Android (android.graphics.Color)	4281436730 (0xFF318A3A)
YUV	102.2690, -21.8246, -46.7169
Hunter-Lab	43.7440, -31.1811, 20.9834

Details

The Hex color **318A3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A3181**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6AC06C**, and **005708** is the 20% darker color. If you saturate the color by 10%, you get **238A2E**, and if you desaturate by 10%, it is **3F8A46**.

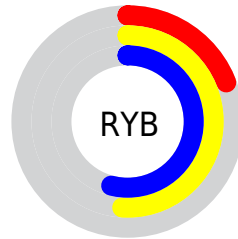
Distribution



Red (19%)

Green (54%)

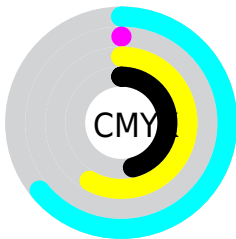
Blue (23%)



Red (19%)

Yellow (51%)

Blue (54%)

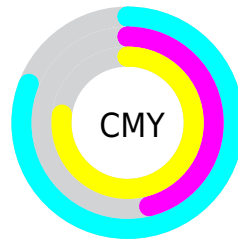


Cyan (64%)

Magenta (0%)

Yellow (58%)

Black (46%)



Cyan (81%)

Magenta (46%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318A3A 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 318A3A by changing the saturation by 10% instead.



318A3A



318A3A

FFFFFF



0B7022



6AC06C



005708



85DD85



003E00



A1F9A0



002900



BEFFBB



000600



DBFFD8



000000



F8FFF4



318A3A



318A3A



238A2E



3F8A46

■ 158A21

■ 4D8A53

■ 088A15

■ 5A8A5F

■ 008A0E

■ 688A6C

■ 768A78

■ 848A84

■ 928A91

■ 9F8A9D

■ AD8AAA

Harmonies

Analogous

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



708111



318A3A



008F69

Triad

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



318A3A



0083D7



CE4D59

Complementary

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



318A3A



8A3181

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.



C74C89



318A3A



5E72D2

Square

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



318A3A



008CC3



A55DB5



BD5E2F

Rectangle

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



318A3A



008F8B



A55DB5



CF4A69

Sweetspot

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



318A3A



91B394



818A31



455947



D9D9D9



595959

Same Dimension

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



318A3A



29B337



318A66



3E453F



00850D



000501

Inverse Universe

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



8A3181



B329A5



8A3155



453E44



850077



050005

Previews

White Background



This preview shows how the Hex color 318A3A looks on a white background.

Color Contrast Check

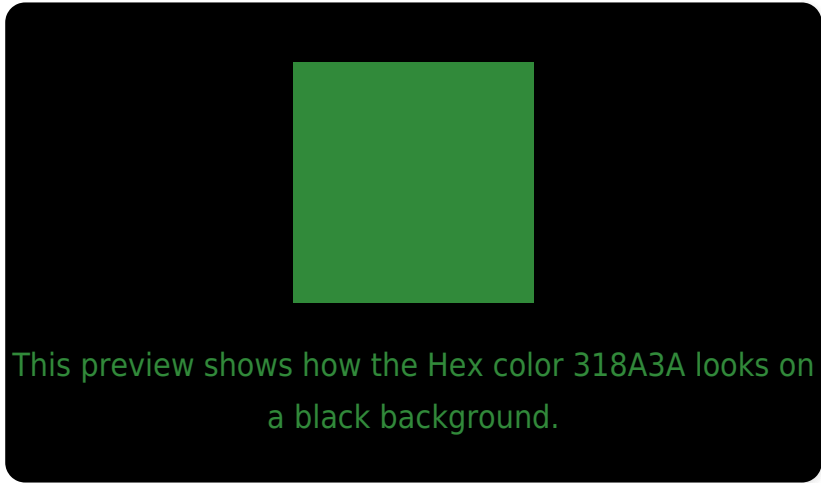
Large Text (above 18pt) WCAG AA ✓ Pass

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 318A3A Background



This preview shows how black text looks on a background with the Hex color 318A3A.



This preview shows how white text looks on a background with the Hex color 318A3A.

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
318A3A

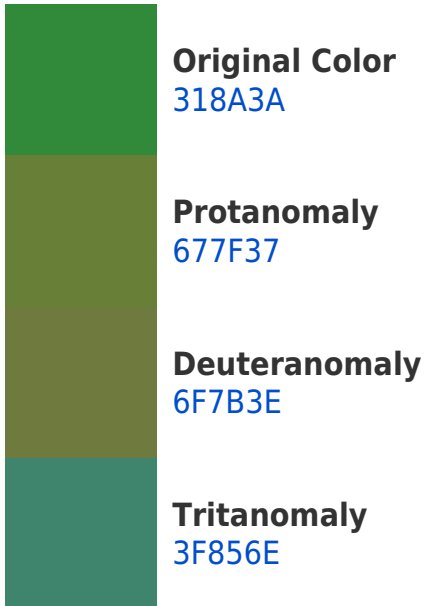
Protanopia
867835

Deuteranopia
937340



Tritanopia
47828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318A3A 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 #318A3A looks like.

```
.text, #text, p{  
    color:#318A3A  
}
```

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 #318A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318A3A
}
```

Border

The CSS property to change the border of an element to Hex 318A3A 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
#318A3A }
```

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

```
.border{ border-color:#318A3A }
```

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

Here you see how a box with a 4 pixel #318A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318A3A; -webkit-box-shadow:4px 4px  
4px 4px #318A3A; box-shadow:4px 4px 4px  
4px #318A3A }
```

Background

The CSS property to change the background color of an element to Hex 318A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318A3A }
```

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

```
.background{ background-color:#318A3A }
```

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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