

Converting Colors

Hex(315A2A)

Have a look what the booklet for
Hex(315A2A) contains.

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Color

Hex(315A2A)

Conversions

Conversions Part 1

Format	Color
Hex	315A2A
RGB	49, 90, 42
RGB Percent	19%, 35%, 16%
CMY	0.8078, 0.6471, 0.8353
CMYK	0.46, 0.00, 0.53, 0.65
HSL	111°, 36%, 26%
HSV	111°, 53%, 35%
XYZ	5.3407, 8.1325, 3.4787
YIQ	72.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

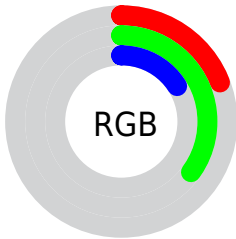
Format	Color
RYB	42, 90, 83
Decimal	3234346
CIELab	34.26, -25.12, 23.19
CIELCh	34, 34.184, 137.286
Yxy	8.1325, 0.3151, 0.4797
Android (android.graphics.Color)	4281424426 (0xFF315A2A)
YUV	72.2690, -14.9226, -20.4069
Hunter-Lab	28.5175, -16.4764, 12.7297

Details

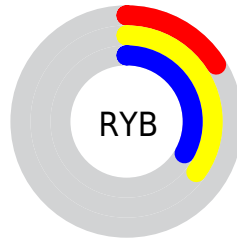
The Hex color **315A2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532A5A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **628C59**, and **032C00** is the 20% darker color. If you saturate the color by 10%, you get **295A21**, and if you desaturate by 10%, it is **395A33**.

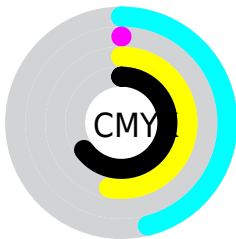
Distribution



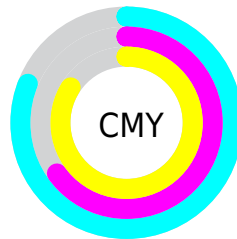
- Red (19%)
- Green (35%)
- Blue (16%)



- Red (16%)
- Yellow (35%)
- Blue (33%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (65%)



- Cyan (81%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315A2A 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 315A2A by changing the saturation by 10% instead.

■ 315A2A

■ 315A2A

FFFFFF

■ 194214

■ 628C59

■ 032C00

■ 7CA771

■ 001700

■ 96C28B

■ 000000

■ B1DEA6

■ CDFBC1

■ EAFFDD

■ FFFFF9

■ 315A2A

■ 315A2A

■ 295A21

■ 395A33

■ 225A18

■ 405A3C

■ 1A5A0F

■ 485A45

■ 125A06

■ 505A4E

■ 0D5A00

■ 575A57

■ 5F5A60

■ 675A69

■ 6F5A72

■ 765A7B

Harmonies

Analogous

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



505419



315A2A



005D44

Triad

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



315A2A



005785



833942

Complementary

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



315A2A



532A5A

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.



7C3A5D



315A2A



3D4E84

Square

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



315A2A



005C78



664376



7B412A

Rectangle

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



315A2A



005E57



664376



82384B

Sweetspot

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



315A2A



657563



5A532A



313B30



BABABA



3B3B3B

Same Dimension

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



315A2A



35752A



2A5A3B



2A2E29



106E00



23ED00

Inverse Universe

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



532A5A



6A2A75



5A2A49



2D292E



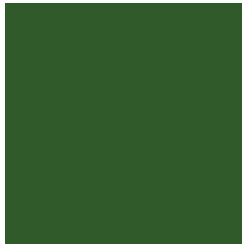
5E006E



CB00ED

Previews

White Background



This preview shows how the Hex color 315A2A looks on a white background.

Color Contrast Check

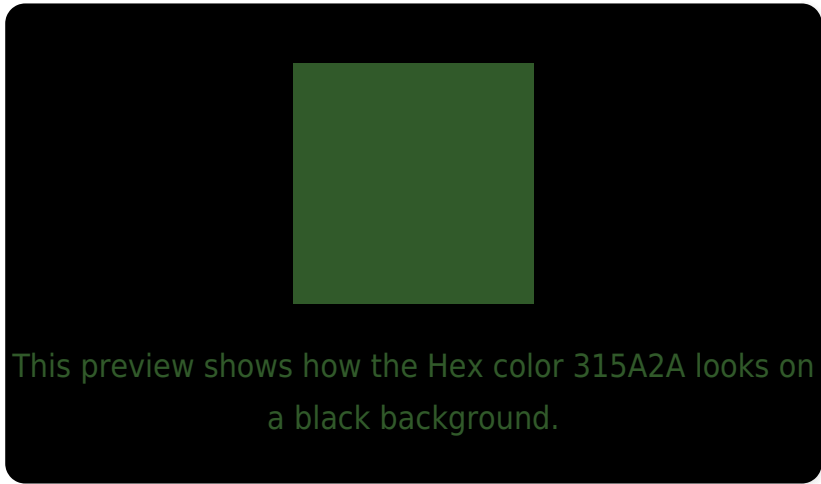
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

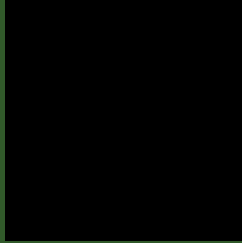
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 315A2A Background



This preview shows how black text looks on a background with the Hex color 315A2A.



This preview shows how white text looks on a background with the Hex color 315A2A.

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
315A2A

Protanopia
595027

Deuteranopia
624D2E



Tritanopia
3B555B

Trichromacy



Original Color
315A2A

Protanomaly
4A5428

Deuteranomaly
50522D

Tritanomaly
375749

Monochromacy



Original Color
315A2A

Achromatopsia
484848

Achromatomaly
404F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 315A2A 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 #315A2A looks like.

```
.text, #text, p{  
    color:#315A2A  
}
```

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 #315A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315A2A
}
```

Border

The CSS property to change the border of an element to Hex 315A2A 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".

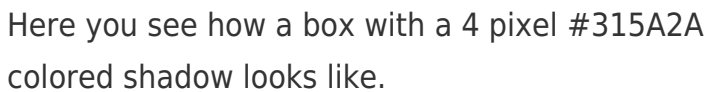
```
.border, #border, table{ border:4px solid
#315A2A }
```

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

```
.border{ border-color:#315A2A }
```

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

Here you see how a box with a 4 pixel #315A2A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315A2A; -webkit-box-shadow:4px 4px  
4px 4px #315A2A; box-shadow:4px 4px 4px  
4px #315A2A }
```

Background

The CSS property to change the background color of an element to Hex 315A2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315A2A }
```

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

```
.background{ background-color:#315A2A }
```

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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