

Converting Colors

Hex(315202)

Have a look what the booklet for
Hex(315202) contains.

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Color

Hex(315202)

Conversions

Conversions Part 1

Format	Color
Hex	315202
RGB	49, 82, 2
RGB Percent	19%, 32%, 1%
CMY	0.8078, 0.6784, 0.9922
CMYK	0.40, 0.00, 0.98, 0.68
HSL	85°, 95%, 16%
HSV	85°, 98%, 32%
XYZ	4.2949, 6.6919, 1.1227
YIQ	63.0130, 6.0120, -31.8760

Conversions

Conversions Part 2

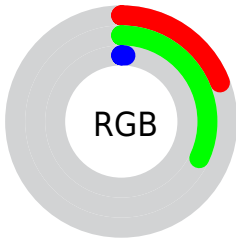
Format	Color
RYB	2, 82, 35
Decimal	3232258
CIELab	31.10, -24.91, 37.67
CIElCh	31, 45.156, 123.473
Yxy	6.6919, 0.3547, 0.5526
Android (android.graphics.Color)	4281422338 (0xFF315202)
YUV	63.0130, -30.0794, -12.2894
Hunter-Lab	25.8688, -15.6348, 15.5349

Details

The Hex color **315202** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **230252**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **638436**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **305200**, and if you desaturate by 10%, it is **34520A**.

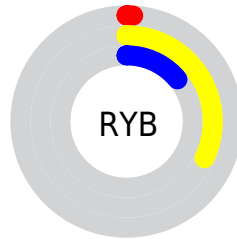
Distribution



Red (19%)

Green (32%)

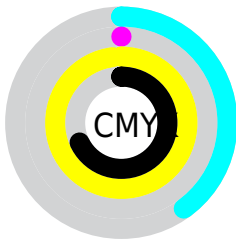
Blue (1%)



Red (1%)

Yellow (32%)

Blue (14%)

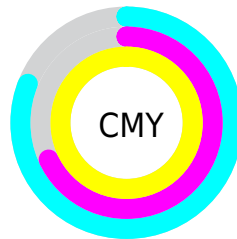


Cyan (40%)

Magenta (0%)

Yellow (98%)

Black (68%)



Cyan (81%)


Magenta (68%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315202 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 315202 by changing the saturation by 10% instead.

 315202

 315202

 FFFFF0

 1A3B00

 638436

 002500

 7D9E4E

 000700

 98B967


 000000


 B3D581

 CFF19C

 ECFFB7

 FFFFD3

 315202

 315202

■ 305200

■ 34520A

■ 385212

■ 3B521B

■ 3F5223

■ 42522B

■ 455233

■ 49523B

■ 4C5244

■ 4F524C

Harmonies

Analogous

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



564900



315202



005728

Triad

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



315202



005588



872247

Complementary

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



315202



230252

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.



762C69



315202



004C90

Square

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



315202



00596F



4D3E85



832B24

Rectangle

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



315202



005940



4D3E85



832352

Sweetspot

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



315202



5E6B4C



522202



2E3623



B5B5B5



363636

Same Dimension

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



315202



3F6B00



0A5202



272925



3D6900



88E800

Inverse Universe

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



230252



2C006B



4A0252



262529



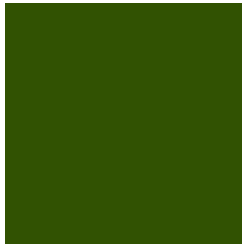
2B0069



6000E8

Previews

White Background



This preview shows how the Hex color 315202 looks on a white background.

Color Contrast Check

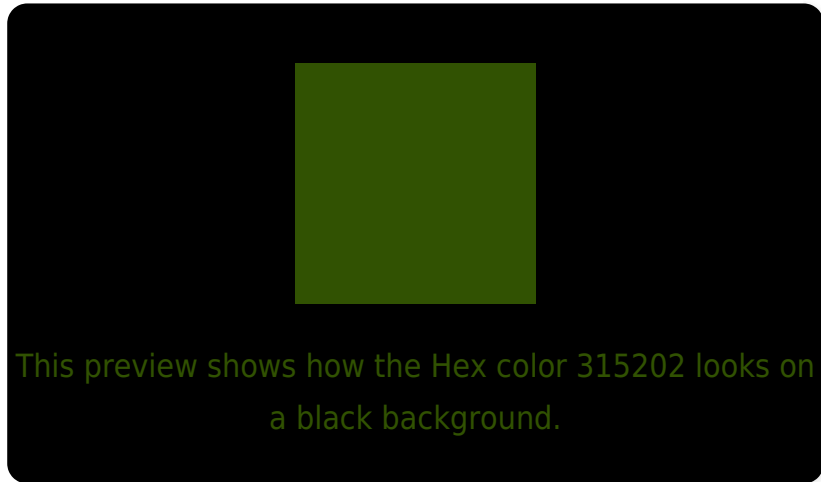
Large Text (above 18pt) WCAG AA ✓ Pass

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

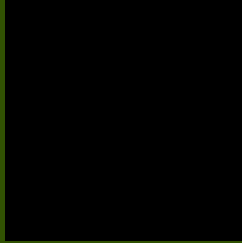
Any Text WCAG AA × Fail

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 315202 Background



This preview shows how black text looks on a background with the Hex color 315202.



This preview shows how white text looks on a background with the Hex color 315202.

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](#).

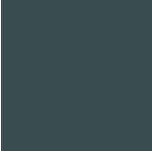
Dichromacy



Original Color
315202

Protanopia
534900

Deuteranopia
5C4510



Tritanopia
3A4C52

Trichromacy



Original Color
315202

Protanomaly
474C01

Deuteranomaly
4C4A0B

Tritanomaly
374E35

Monochromacy



Original Color
315202

Achromatopsia
3F3F3F

Achromatomaly
3A4629

CSS Examples

Text

The CSS property to change the color of the text to Hex 315202 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 #315202 looks like.

```
.text, #text, p{  
    color:#315202  
}
```

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 #315202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315202
}
```

Border

The CSS property to change the border of an element to Hex 315202 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".

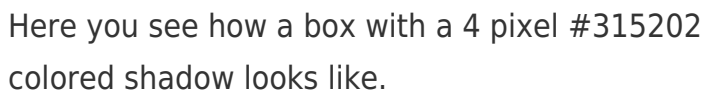
```
.border, #border, table{ border:4px solid
#315202 }
```

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

```
.border{ border-color:#315202 }
```

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

Here you see how a box with a 4 pixel #315202 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315202; -webkit-box-shadow:4px 4px  
4px 4px #315202; box-shadow:4px 4px 4px  
4px #315202 }
```

Background

The CSS property to change the background color of an element to Hex 315202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315202 }
```

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

```
.background{ background-color:#315202 }
```

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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