

Converting Colors

Hex(315C12)

Have a look what the booklet for
Hex(315C12) contains.

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Color

Hex(315C12)

Conversions

Conversions Part 1

Format	Color
Hex	315C12
RGB	49, 92, 18
RGB Percent	19%, 36%, 7%
CMY	0.8078, 0.6392, 0.9294
CMYK	0.47, 0.00, 0.80, 0.64
HSL	95°, 67%, 22%
HSV	95°, 80%, 36%
XYZ	5.2030, 8.3509, 1.9099
YIQ	70.7070, -1.8740, -32.1300

Conversions

Conversions Part 2

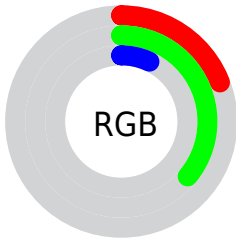
Format	Color
RYB	18, 92, 61
Decimal	3234834
CIELab	34.70, -28.70, 35.45
CIELCh	35, 45.615, 128.991
Yxy	8.3509, 0.3365, 0.5400
Android (android.graphics.Color)	4281424914 (0xFF315C12)
YUV	70.7070, -25.9846, -19.0370
Hunter-Lab	28.8980, -18.4334, 16.3100

Details

The Hex color **315C12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D125C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **648F43**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **2C5C09**, and if you desaturate by 10%, it is **365C1B**.

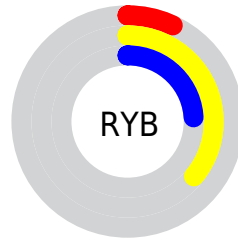
Distribution



Red (19%)

Green (36%)

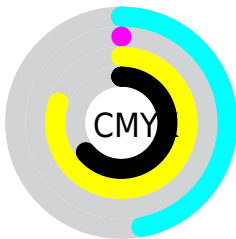
Blue (7%)



Red (7%)

Yellow (36%)

Blue (24%)

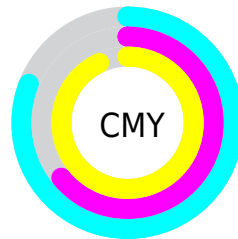


Cyan (47%)

Magenta (0%)

Yellow (80%)

Black (64%)



Cyan (81%)


Magenta (64%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315C12 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 315C12 by changing the saturation by 10% instead.

 315C12

 315C12

FFFFFF

 184400

 648F43

 002D00

 7EA95B

 001900

 99C575


 000000


 B4E18F

 D0FEAA

 EDFFC5

 FFFFE2

 315C12

 315C12

■ 2C5C09

■ 365C1B

■ 275C00

■ 3C5C24

■ 415C2E

■ 465C37

■ 4C5C40

■ 515C49

■ 565C52

■ 5C5C5C

■ 615C65

Harmonies

Analogous

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



595300



315C12



006136

Triad

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



315C12



005C95



922B48

Complementary

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



315C12



3D125C

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.



85326C



315C12



00529A

Square

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



315C12



00617F



60438B



8C3626

Rectangle

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



315C12



00624F



60438B



902C54

Sweetspot

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



315C12



67785B



5C3C12



333D2B



BDBDBD



3D3D3D

Same Dimension

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



315C12



347804



125C17



2B2E29



2E6E00



63ED00

Inverse Universe

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



3D125C



470478



5C1257



2C292E



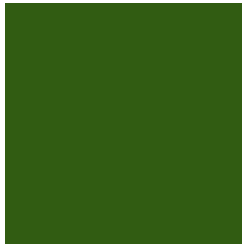
40006E



8A00ED

Previews

White Background



This preview shows how the Hex color 315C12 looks on a white background.

Color Contrast Check

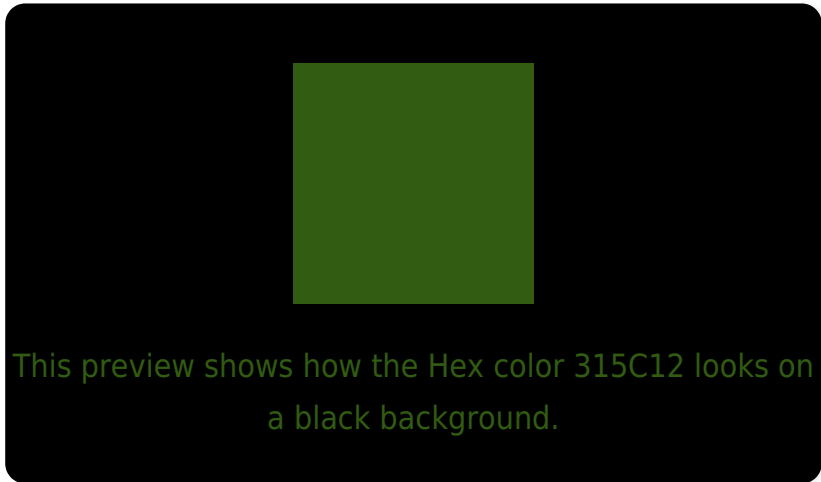
Large Text (above 18pt) WCAG AA ✓ Pass

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

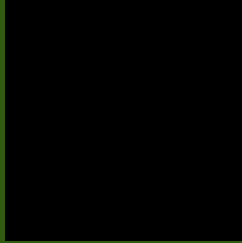
Any Text WCAG AA × Fail

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 315C12 Background



This preview shows how black text looks on a background with the Hex color 315C12.



This preview shows how white text looks on a background with the Hex color 315C12.

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
315C12

Protanopia
5C520F

Deuteranopia
664D19



Tritanopia
3C565D

Trichromacy



Original Color
315C12

Protanomaly
4C5610

Deuteranomaly
535216

Tritanomaly
385842

Monochromacy



Original Color
315C12

Achromatopsia
474747

Achromatomaly
3F4F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 315C12 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 #315C12 looks like.

```
.text, #text, p{  
    color:#315C12  
}
```

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 #315C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315C12
}
```

Border

The CSS property to change the border of an element to Hex 315C12 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
#315C12 }
```

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

```
.border{ border-color:#315C12 }
```

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

Here you see how a box with a 4 pixel #315C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315C12; -webkit-box-shadow:4px 4px  
4px 4px #315C12; box-shadow:4px 4px 4px  
4px #315C12 }
```

Background

The CSS property to change the background color of an element to Hex 315C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315C12 }
```

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

```
.background{ background-color:#315C12 }
```

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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