

Converting Colors

Hex(315824)

Have a look what the booklet for
Hex(315824) contains.

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Color

Hex(315824)

Conversions

Conversions Part 1

Format	Color
Hex	315824
RGB	49, 88, 36
RGB Percent	19%, 35%, 14%
CMY	0.8078, 0.6549, 0.8588
CMYK	0.44, 0.00, 0.59, 0.65
HSL	105°, 42%, 24%
HSV	105°, 59%, 35%
XYZ	5.0748, 7.7598, 2.8994
YIQ	70.4110, -6.5520, -24.4400

Conversions

Conversions Part 2

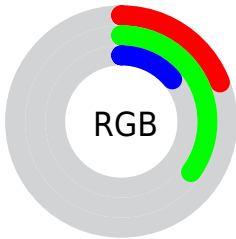
Format	Color
RYB	36, 88, 75
Decimal	3233828
CIELab	33.48, -24.99, 25.58
CIELCh	33, 35.762, 134.327
Yxy	7.7598, 0.3225, 0.4932
Android (android.graphics.Color)	4281423908 (0xFF315824)
YUV	70.4110, -16.9646, -18.7774
Hunter-Lab	27.8564, -16.2302, 13.3284

Details

The Hex color **315824** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B2458**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **628A52**, and **032A00** is the 20% darker color. If you saturate the color by 10%, you get **2A581B**, and if you desaturate by 10%, it is **38582D**.

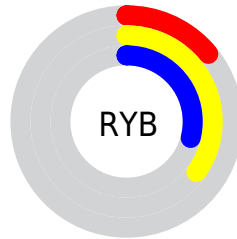
Distribution



Red (19%)

Green (35%)

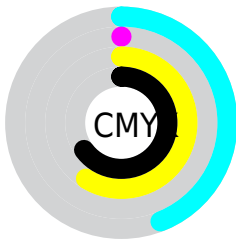
Blue (14%)



Red (14%)

Yellow (35%)

Blue (29%)

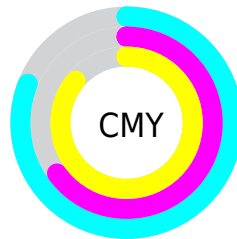


Cyan (44%)

Magenta (0%)

Yellow (59%)

Black (65%)



Cyan (81%)


Magenta (65%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315824 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 315824 by changing the saturation by 10% instead.

 315824

 315824

FFFFFFF

 19400E

 628A52

 032A00

 7CA56B

 001400

 96C085


 000000


 B1DC9F

 CDF9BA

 EAFFD6

 FFFFF2

 315824

 315824

■ 2A581B

■ 38582D

■ 245812

■ 3E5836

■ 1D580A

■ 45583E

■ 175801

■ 4B5847

■ 165800

■ 525850

■ 595859

■ 5F5862

■ 66586A

■ 6C5873

Harmonies

Analogous

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



515213



315824



005C3E

Triad

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



315824



005685



833542

Complementary

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



315824



4B2458

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.



7B375F



315824



334D86

Square

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



315824



005B76



624177



7C3D28

Rectangle

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



315824



005C52



624177



82354C

Sweetspot

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



315824



63735E



584B24



313B2E



BABABA



3B3B3B

Same Dimension

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



315824



367321



245831



282B27



1B6B00



3BEB00

Inverse Universe

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



4B2458



5E2173



58244B



2A272B



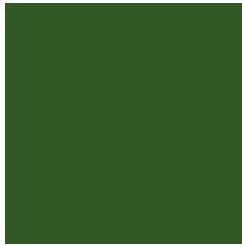
50006B



B000EB

Previews

White Background



This preview shows how the Hex color 315824 looks on a white background.

Color Contrast Check

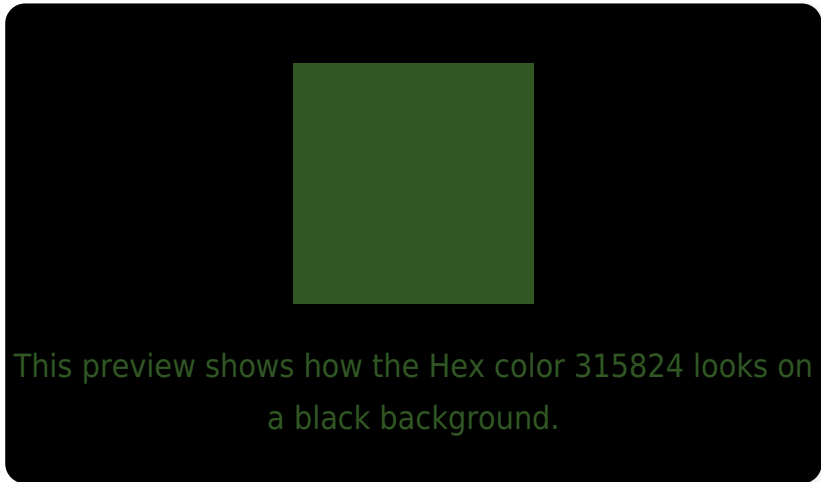
Large Text (above 18pt) WCAG AA ✓ Pass

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 315824 Background



This preview shows how black text looks on a background with the Hex color 315824.



This preview shows how white text looks on a background with the Hex color 315824.

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
315824

Protanopia
574F21

Deuteranopia
604B28



Tritanopia
3A5359

Trichromacy



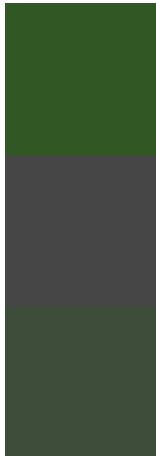
Original Color
315824

Protanomaly
495222

Deuteranomaly
4F5027

Tritanomaly
375546

Monochromacy



Original Color
315824

Achromatopsia
464646

Achromatomaly
3E4D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 315824 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 #315824 looks like.

```
.text, #text, p{  
    color:#315824  
}
```

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 #315824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315824
}
```

Border

The CSS property to change the border of an element to Hex 315824 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".

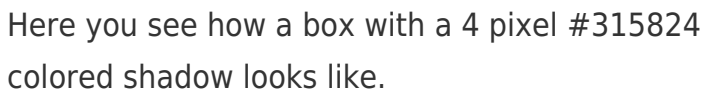
```
.border, #border, table{ border:4px solid
#315824 }
```

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

```
.border{ border-color:#315824 }
```

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

Here you see how a box with a 4 pixel #315824 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315824; -webkit-box-shadow:4px 4px  
4px 4px #315824; box-shadow:4px 4px 4px  
4px #315824 }
```

Background

The CSS property to change the background color of an element to Hex 315824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315824 }
```

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

```
.background{ background-color:#315824 }
```

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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