

Converting Colors

Hex(313D07)

Have a look what the booklet for
Hex(313D07) contains.

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Color

Hex(313D07)

Conversions

Conversions Part 1

Format	Color
Hex	313D07
RGB	49, 61, 7
RGB Percent	19%, 24%, 3%
CMY	0.8078, 0.7608, 0.9725
CMYK	0.20, 0.00, 0.89, 0.76
HSL	73°, 79%, 13%
HSV	73°, 89%, 24%
XYZ	2.9737, 4.0058, 0.8175
YIQ	51.2560, 10.1820, -19.3380

Conversions

Conversions Part 2

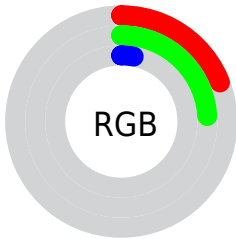
Format	Color
RYB	7, 61, 19
Decimal	3226887
CIELab	23.69, -13.53, 29.15
CIELCh	24, 32.139, 114.893
Yxy	4.0058, 0.3814, 0.5138
Android (android.graphics.Color)	4281416967 (0xFF313D07)
YUV	51.2560, -21.8182, -1.9785
Hunter-Lab	20.0145, -8.5041, 11.5885

Details

The Hex color **313D07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13073D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **616C35**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **303D01**, and if you desaturate by 10%, it is **323D0D**.

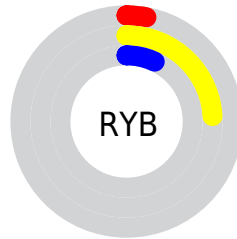
Distribution



Red (19%)

Green (24%)

Blue (3%)



Red (3%)

Yellow (24%)

Blue (7%)

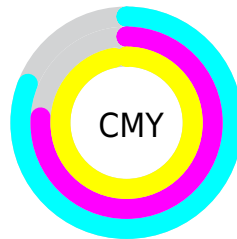


Cyan (20%)

Magenta (0%)

Yellow (89%)

Black (76%)



Cyan (81%)

Magenta (76%)


Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313D07 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 313D07 by changing the saturation by 10% instead.

 313D07

 313D07

 FFFFEC

 1B2700

 616C35

 001400

 7B864D

 000000

 95A066


 B0BB7F

 CCD799

 E8F3B4

 FFFFD0

 313D07

 313D07

■ 303D01

■ 323D0D

■ 2F3D00

■ 343D13

■ 353D19

■ 363D1F

■ 383D25

■ 393D2C

■ 3A3D32

■ 3C3D38

■ 3D3D3E

Harmonies

Analogous

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



483602



313D07



0F411B

Triad

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



313D07



00425F



61213E

Complementary

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



313D07



13073D

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.



512954



313D07



003C68

Square

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



313D07



00444C



313464



632326

Rectangle

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



313D07



00432B



313464



5E2346

Sweetspot

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



313D07



4A4F3A



3D1307



26291C



A8A8A8



292929

Same Dimension

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



313D07



3D4F00



163D07



1E1F1C



495E00



ADDE00

Inverse Universe

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



13073D



12004F



2E073D



1C1C1F



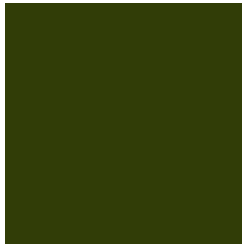
15005E



3100DE

Previews

White Background



This preview shows how the Hex color 313D07 looks on a white background.

Color Contrast Check

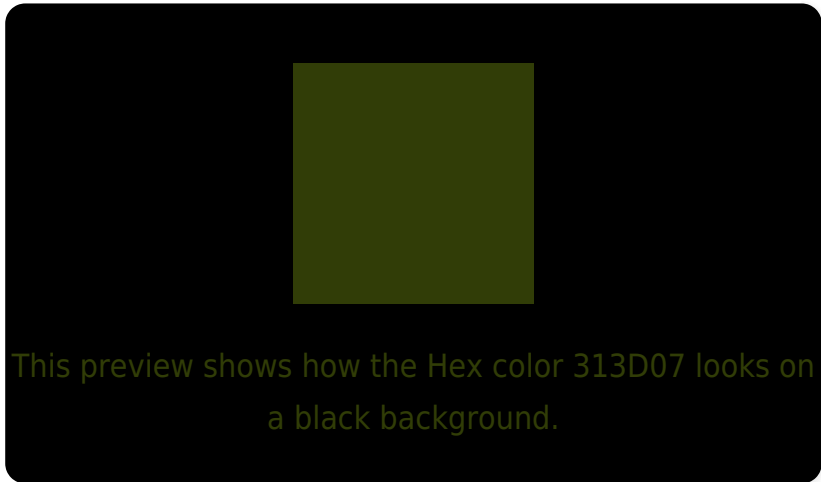
Large Text (above 18pt) WCAG AA ✓ Pass

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

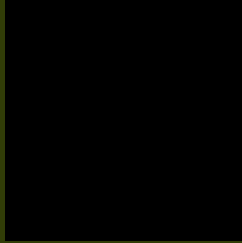
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

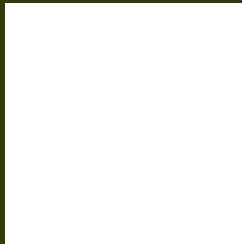
Any Text WCAG AAA × Fail

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

Hex 313D07 Background



This preview shows how black text looks on a background with the Hex color 313D07.



This preview shows how white text looks on a background with the Hex color 313D07.

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](#).

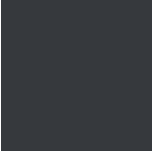
Dichromacy



Original Color
313D07

Protanopia
403905

Deuteranopia
47360D



Tritanopia
36393D

Trichromacy



Original Color
313D07

Protanomaly
3B3A06

Deuteranomaly
3F390B

Tritanomaly
343A29

Monochromacy



Original Color
313D07

Achromatopsia
333333

Achromatomaly
323723

CSS Examples

Text

The CSS property to change the color of the text to Hex 313D07 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 #313D07 looks like.

```
.text, #text, p{  
    color:#313D07  
}
```

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 #313D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313D07
}
```

Border

The CSS property to change the border of an element to Hex 313D07 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".

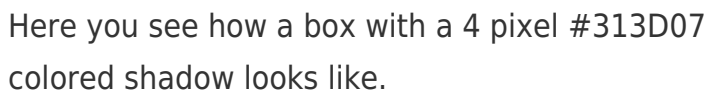
```
.border, #border, table{ border:4px solid
#313D07 }
```

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

```
.border{ border-color:#313D07 }
```

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

Here you see how a box with a 4 pixel #313D07 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 #313D07; -webkit-box-shadow:4px 4px  
4px 4px #313D07; box-shadow:4px 4px 4px  
4px #313D07 }
```

Background

The CSS property to change the background color of an element to Hex 313D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313D07 }
```

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

```
.background{ background-color:#313D07 }
```

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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