

Converting Colors

Hex(313F00)

Have a look what the booklet for
Hex(313F00) contains.

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Color

Hex(313F00)

Conversions

Conversions Part 1

Format	Color
Hex	313F00
RGB	49, 63, 0
RGB Percent	19%, 25%, 0%
CMY	0.8078, 0.7529, 1.0000
CMYK	0.22, 0.00, 1.00, 0.75
HSL	73°, 100%, 12%
HSV	73°, 100%, 25%
XYZ	3.0441, 4.2080, 0.6518
YIQ	51.6320, 11.8790, -22.5610

Conversions

Conversions Part 2

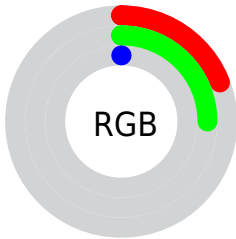
Format	Color
RYB	0, 63, 14
Decimal	3227392
CIELab	24.35, -15.13, 32.66
CIELCh	24, 35.989, 114.853
Yxy	4.2080, 0.3851, 0.5324
Android (android.graphics.Color)	4281417472 (0xFF313F00)
YUV	51.6320, -25.4546, -2.3083
Hunter-Lab	20.5134, -9.4095, 12.4755

Details

The Hex color **313F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E003F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **626F30**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **313F00**, and if you desaturate by 10%, it is **323F06**.

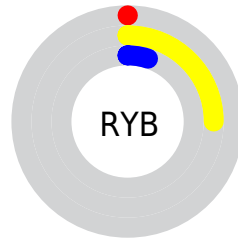
Distribution



Red (19%)

Green (25%)

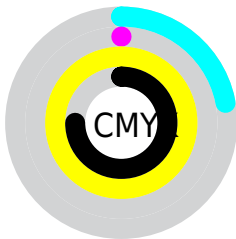
Blue (0%)



Red (0%)

Yellow (25%)

Blue (5%)

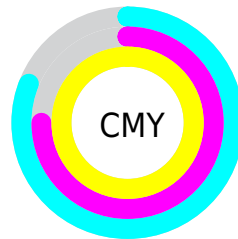


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (81%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313F00 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 313F00 by changing the saturation by 10% instead.

 313F00

 313F00

 FFFFE7

 1A2900

 626F30

 001600

 7B8848

 000000


 96A261

 B1BD7A

 CDD994

 E9F6AF

 FFFFCB

 313F00

■ 323F06

■ 343F0D

■ 353F13

■ 373F19

■ 383F20

■ 393F26

■ 3B3F2C

■ 3C3F32

■ 3E3F39

Harmonies

Analogous

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



4B3700



313F00



064419

Triad

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



313F00



004466



671E40

Complementary

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



313F00



0E003F

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.



562859



313F00



003E70

Square

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



313F00



004650



30356B



692125

Rectangle

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



313F00



00452B



30356B



632049

Sweetspot

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



313F00



4C5239



3F0E00



26291A



A8A8A8



292929

Same Dimension

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



313F00



3F5200



123F00



1E1F1C



495E00



ADDE00

Inverse Universe

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



0E003F



120052



2D003F



1C1C1F



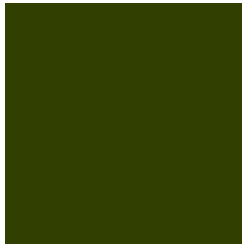
15005E



3100DE

Previews

White Background



This preview shows how the Hex color 313F00 looks on a white background.

Color Contrast Check

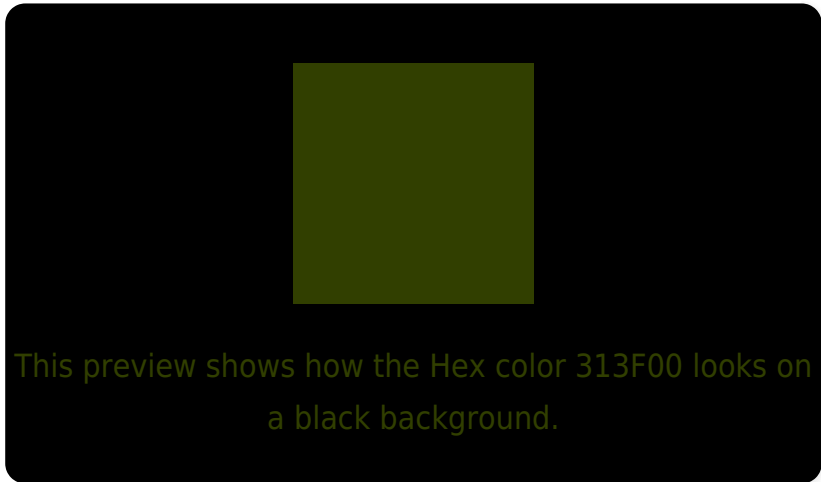
Large Text (above 18pt) WCAG AA ✓ Pass

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 313F00 Background



This preview shows how black text looks on a background with the Hex color 313F00.



This preview shows how white text looks on a background with the Hex color 313F00.

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
313F00

Protanopia
413A00

Deuteranopia
49370B



Tritanopia
363B3F

Trichromacy



Original Color
313F00

Protanomaly
3B3C00

Deuteranomaly
403A07

Tritanomaly
343C28

Monochromacy



Original Color
313F00

Achromatopsia
343434

Achromatomaly
333821

CSS Examples

Text

The CSS property to change the color of the text to Hex 313F00 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 #313F00 looks like.

```
.text, #text, p{  
    color:#313F00  
}
```

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 #313F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313F00  
}
```

Border

The CSS property to change the border of an element to Hex 313F00 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  
#313F00 }
```

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

```
.border{ border-color:#313F00 }
```

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

Here you see how a box with a 4 pixel #313F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313F00; -webkit-box-shadow:4px 4px  
4px 4px #313F00; box-shadow:4px 4px 4px  
4px #313F00 }
```

Background

The CSS property to change the background color of an element to Hex 313F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313F00 }
```

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

```
.background{ background-color:#313F00 }
```

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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