

Converting Colors

Hex(313371)

Have a look what the booklet for
Hex(313371) contains.

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Color

Hex(313371)

Conversions

Conversions Part 1

Format	Color
Hex	313371
RGB	49, 51, 113
RGB Percent	19%, 20%, 44%
CMY	0.8078, 0.8000, 0.5569
CMYK	0.57, 0.55, 0.00, 0.56
HSL	238°, 40%, 32%
HSV	238°, 57%, 44%
XYZ	5.4311, 4.2129, 16.1497
YIQ	57.4700, -21.0940, 18.8580

Conversions

Conversions Part 2

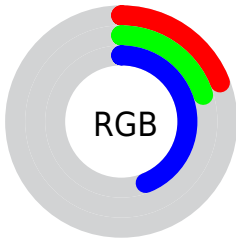
Format	Color
R_{YB}	49, 51, 113
Decimal	3224433
CIE _{Lab}	24.36, 18.60, -36.28
CIE _{LCh}	24, 40.769, 297.152
Yxy	4.2129, 0.2106, 0.1633
Android (android.graphics.Color)	4281414513 (0xFF313371)
YUV	57.4700, 27.3763, -7.4282
Hunter-Lab	20.5253, 11.3127, -32.2828




Details

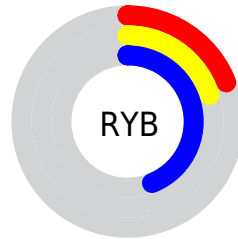
The Hex color **313371** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716F31**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **6561A5**, and **000740** is the 20% darker color. If you saturate the color by 10%, you get **262871**, and if you desaturate by 10%, it is **3C3E71**.

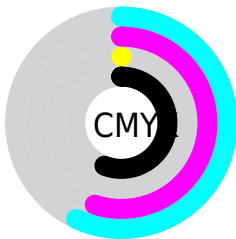
Distribution







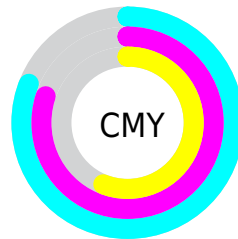
-  Red (19%)
-  Green (20%)
-  Blue (44%)






-  Red (19%)
-  Yellow (20%)
-  Blue (44%)



-  Cyan (57%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (81%)
-  Magenta (80%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313371 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 313371 by changing the saturation by 10% instead.

■ 313371

■ 313371

FFFFFF

■ 151E58

■ 6561A5

■ 000740

■ 7F7AC1

■ 00032A

■ 9A94DD

■ 000114

■ B6AFFA

■ 000000

■ D2CAFF

■ EFE6FF

■ 313371

■ 313371

■ 262871

■ 3C3E71

■ 1A1D71

■ 484971

■ 0F1271

■ 535471

■ 040771

■ 5E5F71

■ 000471

■ 6A6A71

■ 757571

■ 808071

■ 8B8B71

■ 979671

Harmonies

Analogous

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



003F78



313371



5B235C

Triad

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



313371



612B01



004736

Complementary

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



313371



716F31

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.



004516



313371



4A3800

Square

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



313371



6E1C20



2C4000



004755

Rectangle

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



313371



6A1948



2C4000



00472B

Sweetspot

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



313371



7B7C94



31716F



3B3C4A



C9C9C9



4A4A4A

Same Dimension

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



313371



2F3294



4F3171



323338



000478



0008F7

Inverse Universe

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



713133



942F32



537131



383233



780004



F70008

Previews

White Background



This preview shows how the Hex color 313371 looks on a white background.

Color Contrast Check

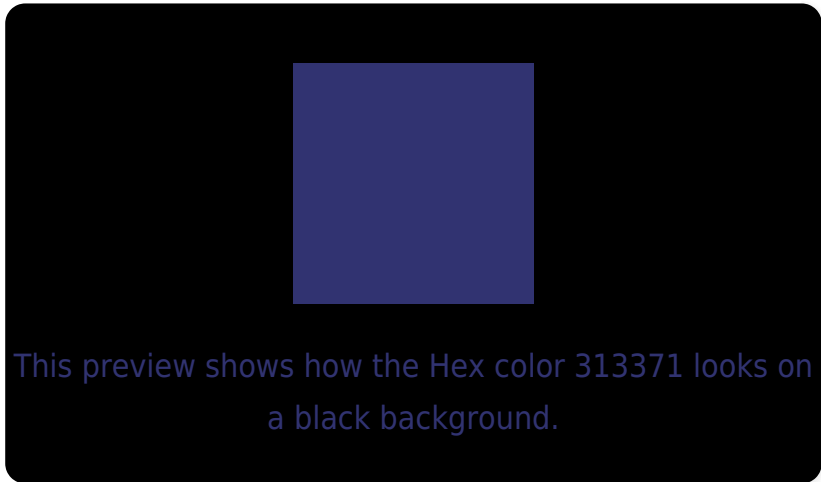
Large Text (above 18pt) WCAG AA ✓ Pass

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

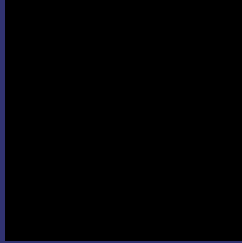
Any Text WCAG AA × Fail

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 313371 Background



This preview shows how black text looks on a background with the Hex color 313371.



This preview shows how white text looks on a background with the Hex color 313371.

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](#).

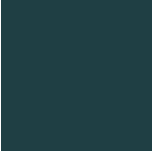
Dichromacy



Original Color
313371

Protanopia
083876

Deuteranopia
003B68



Tritanopia
1F3F44

Trichromacy



Original Color
313371

Protanomaly
173674

Deuteranomaly
12386B

Tritanomaly
263B54

Monochromacy



Original Color
313371

Achromatopsia
393939

Achromatomaly
36374D

CSS Examples

Text

The CSS property to change the color of the text to Hex 313371 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 #313371 looks like.

```
.text, #text, p{  
    color:#313371  
}
```

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 #313371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313371
}
```

Border

The CSS property to change the border of an element to Hex 313371 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
#313371 }
```

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

```
.border{ border-color:#313371 }
```

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

Here you see how a box with a 4 pixel #313371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313371; -webkit-box-shadow:4px 4px  
4px 4px #313371; box-shadow:4px 4px 4px  
4px #313371 }
```

Background

The CSS property to change the background color of an element to Hex 313371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313371 }
```

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

```
.background{ background-color:#313371 }
```

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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