

Converting Colors

Hex(313074)

Have a look what the booklet for
Hex(313074) contains.

Hex(313074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(313074)

Conversions

Conversions Part 1

Format	Color
Hex	313074
RGB	49, 48, 116
RGB Percent	19%, 19%, 45%
CMY	0.8078, 0.8118, 0.5451
CMYK	0.58, 0.59, 0.00, 0.55
HSL	241°, 41%, 32%
HSV	241°, 59%, 45%
XYZ	5.4760, 4.0278, 17.0118
YIQ	56.0510, -21.2320, 21.3600

Conversions

Conversions Part 2

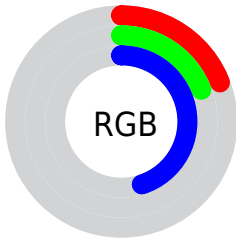
Format	Color
R_{YB}	49, 48, 116
Decimal	3223668
CIE _{Lab}	23.76, 21.72, -39.16
CIE _{LCh}	24, 44.782, 299.013
Yxy	4.0278, 0.2065, 0.1519
Android (android.graphics.Color)	4281413748 (0xFF313074)
YUV	56.0510, 29.5549, -6.1837
Hunter-Lab	20.0694, 13.5823, -36.2084

Details

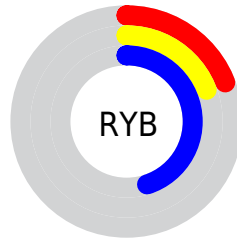
The Hex color **313074** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **737430**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **665EA9**, and **000343** is the 20% darker color. If you saturate the color by 10%, you get **262474**, and if you desaturate by 10%, it is **3C3C74**.

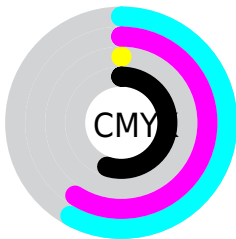
Distribution



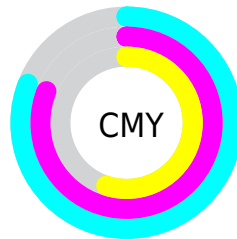
- Red (19%)
- Green (19%)
- Blue (45%)



- Red (19%)
- Yellow (19%)
- Blue (45%)



- Cyan (58%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (81%)
- Magenta (81%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313074 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 313074 by changing the saturation by 10% instead.

■ 313074

■ 313074

FFFFFF

■ 141B5B

■ 665EA9

■ 000343

■ 8077C4

■ 00032C

■ 9B91E0

■ 000116

■ B7ABFD

■ 000000

■ D3C6FF

■ F0E2FF

■ 313074

■ 313074

■ 262474

■ 3C3C74

■ 1A1974

■ 484774

■ 0F0D74

■ 535374

■ 030274

■ 5F5E74

■ 020074

■ 6A6A74

■ 767674

■ 818174

■ 8C8D74

■ 989874

Harmonies

Analogous

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



003D7C



313074



5F1C5C

Triad

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



313074



612800



004736

Complementary

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



313074



737430

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.



004513



313074



473700

Square

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



313074



70151A



274000



004758

Rectangle

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



313074



6D0E46



274000



00462B

Sweetspot

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



313074



7C7B96



307474



3C3C4D



CCCCCC



4D4D4D

Same Dimension

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



313074



2F2D96



523074



35353B



02007A



0400FA

Inverse Universe

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



743073



962D95



527430



3B353B



7A0079



FA00F6

Previews

White Background



This preview shows how the Hex color 313074 looks on a white background.

Color Contrast Check

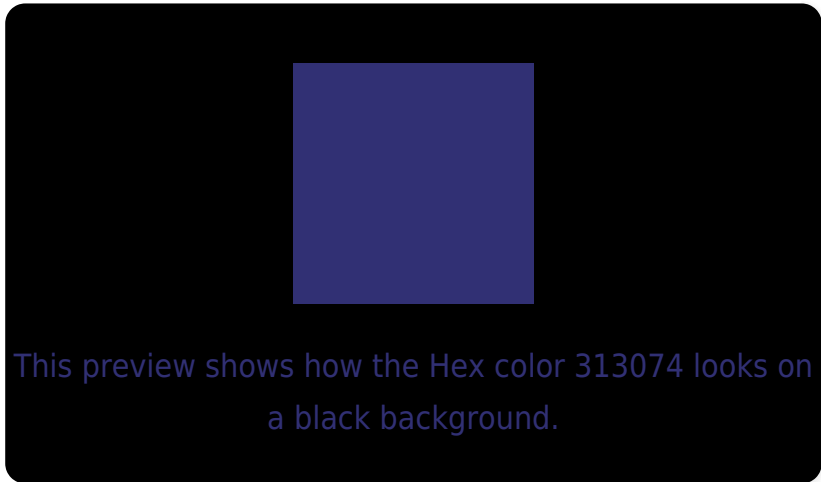
Large Text (above 18pt) WCAG AA ✓ Pass

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

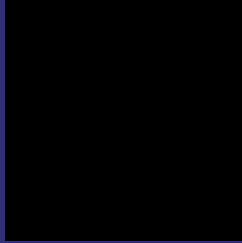
Any Text WCAG AA × Fail

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 313074 Background



This preview shows how black text looks on a background with the Hex color 313074.



This preview shows how white text looks on a background with the Hex color 313074.

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
313074

Protanopia
003774

Deuteranopia
003A65



Tritanopia
1D3D42

Trichromacy



Original Color
313074

Protanomaly
123474

Deuteranomaly
12366A

Tritanomaly
243854

Monochromacy



Original Color
313074

Achromatopsia
383838

Achromatomaly
35354E

CSS Examples

Text

The CSS property to change the color of the text to Hex 313074 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 #313074 looks like.

```
.text, #text, p{  
    color:#313074  
}
```

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 #313074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313074
}
```

Border

The CSS property to change the border of an element to Hex 313074 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
#313074 }
```

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

```
.border{ border-color:#313074 }
```

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

Here you see how a box with a 4 pixel #313074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313074; -webkit-box-shadow:4px 4px  
4px 4px #313074; box-shadow:4px 4px 4px  
4px #313074 }
```

Background

The CSS property to change the background color of an element to Hex 313074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313074 }
```

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

```
.background{ background-color:#313074 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor