

Converting Colors

Hex(303971)

Have a look what the booklet for
Hex(303971) contains.

Hex(303971)	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(303971)

Conversions

Conversions Part 1

Format	Color
Hex	303971
RGB	48, 57, 113
RGB Percent	19%, 22%, 44%
CMY	0.8118, 0.7765, 0.5569
CMYK	0.58, 0.50, 0.00, 0.56
HSL	232°, 40%, 32%
HSV	232°, 58%, 44%
XYZ	5.6627, 4.7469, 16.2406
YIQ	60.6930, -23.3400, 15.5080

Conversions

Conversions Part 2

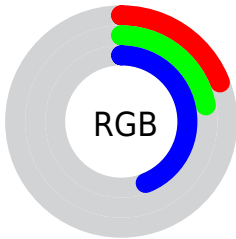
Format	Color
R_{YB}	48, 56, 113
Decimal	3160433
CIE _{Lab}	26.00, 14.24, -33.65
CIE _{LCh}	26, 36.541, 292.942
Yxy	4.7469, 0.2125, 0.1781
Android (android.graphics.Color)	4281350513 (0xFF303971)
YUV	60.6930, 25.7874, -11.1318
Hunter-Lab	21.7874, 8.2655, -28.9444

Details

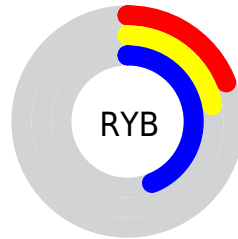
The Hex color **303971** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716830**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6468A5**, and **000F40** is the 20% darker color. If you saturate the color by 10%, you get **252F71**, and if you desaturate by 10%, it is **3B4371**.

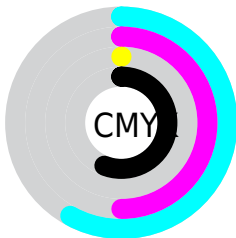
Distribution



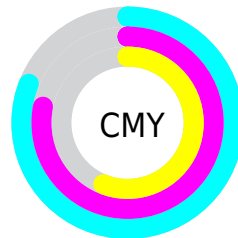
- Red (19%)
- Green (22%)
- Blue (44%)



- Red (19%)
- Yellow (22%)
- Blue (44%)



- Cyan (58%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (81%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303971 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 303971 by changing the saturation by 10% instead.

■ 303971

■ 303971

FFFFFF

■ 142458

■ 6468A5

■ 000F40

■ 7E81C1

■ 00032A

■ 999BDD

■ 000114

■ B4B6F9

■ 000000

■ D1D1FF

■ EDEDFF

■ 303971

■ 303971

■ 252F71

■ 3B4371

■ 192671

■ 474C71

■ 0E1C71

■ 525671

■ 031271

■ 5D6071

■ 001071

■ 696A71

■ 747371

■ 7F7D71

■ 8A8771

■ 969171

Harmonies

Analogous

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



004375



303971



582C5F

Triad

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



303971



642E11



004A36

Complementary

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



303971



716830

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.



0F481A



303971



513A00

Square

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



303971



6F242A



364202



004A52

Rectangle

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



303971



67254F



364202



00492C

Sweetspot

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



303971



7B7E94



307167



3B3D4A



C9C9C9



4A4A4A

Same Dimension

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



303971



2E3C94



473071



323338



001178



0022F7

Inverse Universe

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



713039



942E3C



5A7130



383233



780011



F70022

Previews

White Background



This preview shows how the Hex color 303971 looks on a white background.

Color Contrast Check

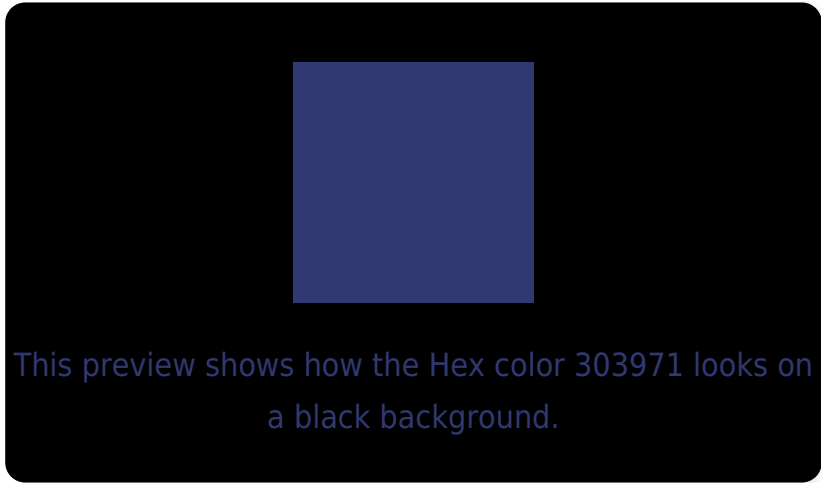
Large Text (above 18pt) WCAG AA ✓ Pass

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

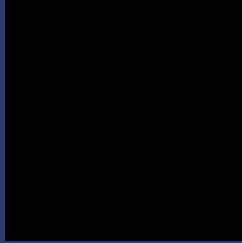
Any Text WCAG AA × Fail

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 303971 Background



This preview shows how black text looks on a background with the Hex color 303971.



This preview shows how white text looks on a background with the Hex color 303971.

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](#).

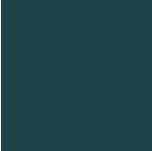
Dichromacy



Original Color
303971

Protanopia
1F3C74

Deuteranopia
003F6F



Tritanopia
1F4348

Trichromacy



Original Color
303971

Protanomaly
253B73

Deuteranomaly
113D70

Tritanomaly
253F57

Monochromacy



Original Color
303971

Achromatopsia
3D3D3D

Achromatomaly
383C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 303971 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 #303971 looks like.

```
.text, #text, p{  
    color:#303971  
}
```

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 #303971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303971
}
```

Border

The CSS property to change the border of an element to Hex 303971 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
#303971 }
```

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

```
.border{ border-color:#303971 }
```

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

Here you see how a box with a 4 pixel #303971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303971; -webkit-box-shadow:4px 4px  
4px 4px #303971; box-shadow:4px 4px 4px  
4px #303971 }
```

Background

The CSS property to change the background color of an element to Hex 303971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303971 }
```

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

```
.background{ background-color:#303971 }
```

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