

Converting Colors

Hex(303B73)

Have a look what the booklet for
Hex(303B73) contains.

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Color

Hex(303B73)

Conversions

Conversions Part 1

Format	Color
Hex	303B73
RGB	48, 59, 115
RGB Percent	19%, 23%, 45%
CMY	0.8118, 0.7686, 0.5490
CMYK	0.58, 0.49, 0.00, 0.55
HSL	230°, 41%, 32%
HSV	230°, 58%, 45%
XYZ	5.8774, 4.9941, 16.8738
YIQ	62.0950, -24.5320, 15.0840

Conversions

Conversions Part 2

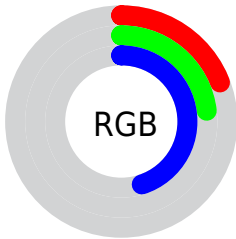
Format	Color
R _Y B	48, 57, 115
Decimal	3160947
CIE Lab	26.72, 13.59, -33.78
CIE LCh	27, 36.408, 291.920
Yxy	4.9941, 0.2118, 0.1800
Android (android.graphics.Color)	4281351027 (0xFF303B73)
YUV	62.0950, 26.0822, -12.3613
Hunter-Lab	22.3475, 7.8374, -29.1246




Details

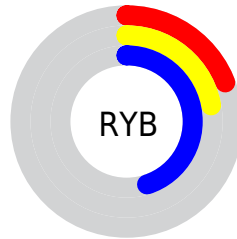
The Hex color **303B73** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **736830**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **646AA7**, and **001242** is the 20% darker color. If you saturate the color by 10%, you get **253173**, and if you desaturate by 10%, it is **3C4573**.

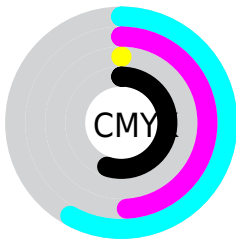
Distribution







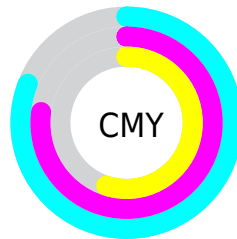
-  Red (19%)
-  Green (23%)
-  Blue (45%)






-  Red (19%)
-  Yellow (22%)
-  Blue (45%)



-  Cyan (58%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (81%)
-  Magenta (77%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303B73 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 303B73 by changing the saturation by 10% instead.

■ 303B73

■ 303B73

FFFFFF

■ 14265A

■ 646AA7

■ 001242

■ 7E83C3

■ 00032C

■ 999DDF

■ 000116

■ B5B8FC

■ 000000

■ D1D4FF

■ EEFOFF

■ 303B73

■ 303B73

■ 253173

■ 3C4573

■ 192873

■ 474E73

■ 0D1E73

■ 535873

■ 021573

■ 5E6173

■ 001373

■ 6A6B73

■ 757573

■ 817E73

■ 8C8873

■ 989273

Harmonies

Analogous

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



004576



303B73



592E62

Triad

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



303B73



673013



004C36

Complementary

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



303B73



736830

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.



13491B



303B73



533B00

Square

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



303B73



70252C



394403



004C53

Rectangle

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



303B73



682751



394403



004B2D

Sweetspot

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



303B73



7D8196



307368



3D404D



CCCCCC



4D4D4D

Same Dimension

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



303B73



2D3E96



463073



35363B



00147A



0029FA

Inverse Universe

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



73303B



962D3E



5D7330



3B3536



7A0014



FA0029

Previews

White Background



This preview shows how the Hex color 303B73 looks on a white background.

Color Contrast Check

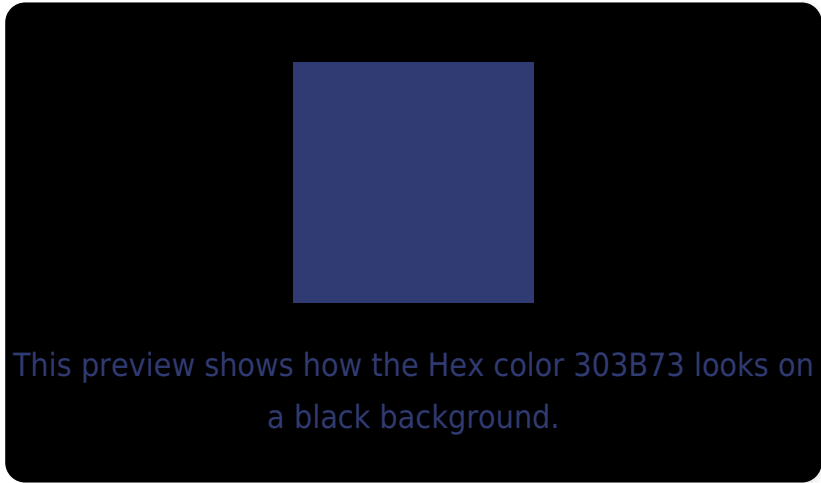
Large Text (above 18pt) WCAG AA ✓ Pass

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

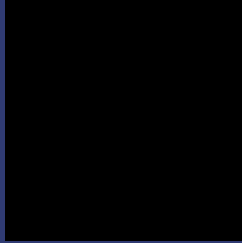
Any Text WCAG AA × Fail

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 303B73 Background



This preview shows how black text looks on a background with the Hex color 303B73.



This preview shows how white text looks on a background with the Hex color 303B73.

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](#).

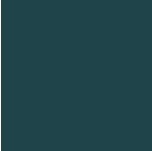
Dichromacy



Original Color
303B73

Protanopia
223D75

Deuteranopia
084072



Tritanopia
1F454A

Trichromacy



Original Color
303B73

Protanomaly
273C74

Deuteranomaly
173E72

Tritanomaly
254159

Monochromacy



Original Color
303B73

Achromatopsia
3E3E3E

Achromatomaly
393D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 303B73 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 #303B73 looks like.

```
.text, #text, p{  
    color:#303B73  
}
```

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 #303B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303B73  
}
```

Border

The CSS property to change the border of an element to Hex 303B73 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  
#303B73 }
```

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

```
.border{ border-color:#303B73 }
```

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

Here you see how a box with a 4 pixel #303B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303B73; -webkit-box-shadow:4px 4px  
4px 4px #303B73; box-shadow:4px 4px 4px  
4px #303B73 }
```

Background

The CSS property to change the background color of an element to Hex 303B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303B73 }
```

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

```
.background{ background-color:#303B73 }
```

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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