

Converting Colors

Hex(303B5C)

Have a look what the booklet for
Hex(303B5C) contains.

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Color

Hex(303B5C)

Conversions

Conversions Part 1

Format	Color
Hex	303B5C
RGB	48, 59, 92
RGB Percent	19%, 23%, 36%
CMY	0.8118, 0.7686, 0.6392
CMYK	0.48, 0.36, 0.00, 0.64
HSL	225°, 31%, 27%
HSV	225°, 48%, 36%
XYZ	4.7147, 4.5290, 10.7509
YIQ	59.4730, -17.1490, 7.9310

Conversions

Conversions Part 2

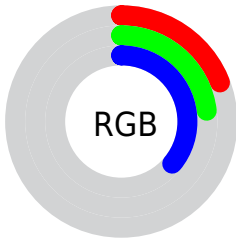
Format	Color
R_{YB}	48, 57, 92
Decimal	3160924
CIE Lab	25.35, 5.49, -21.15
CIE LCh	25, 21.849, 284.545
Yxy	4.5290, 0.2358, 0.2265
Android (android.graphics.Color)	4281351004 (0xFF303B5C)
YUV	59.4730, 16.0358, -10.0618
Hunter-Lab	21.2815, 2.3019, -15.0549

Details

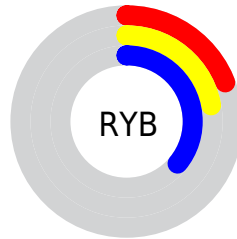
The Hex color **303B5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5130**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **616A8E**, and **01112E** is the 20% darker color. If you saturate the color by 10%, you get **27345C**, and if you desaturate by 10%, it is **39425C**.

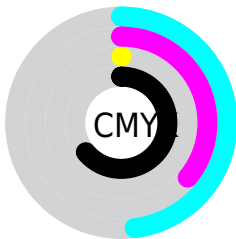
Distribution



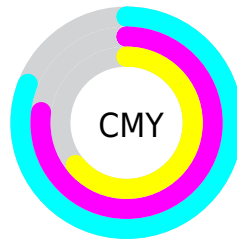
- Red (19%)
- Green (23%)
- Blue (36%)



- Red (19%)
- Yellow (22%)
- Blue (36%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (64%)



- Cyan (81%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 303B5C 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 303B5C by changing the saturation by 10% instead.



303B5C



303B5C

FFFFFF



182644



616A8E



01112E



7A83A9



000119



949DC4



000000



AFB8E0



CBD4FD



E7F0FF



303B5C



303B5C



27345C



39425C

■ 1E2D5C

■ 42495C

■ 14265C

■ 4C505C

■ 0B1F5C

■ 55575C

■ 02185C

■ 5E5E5C

■ 00175C

■ 67645C

■ 706B5C

■ 7A725C

■ 83795C

Harmonies

Analogous

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



0B405C



303B5C



483554

Triad

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



303B5C



583226



144433

Complementary

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



303B5C



5C5130

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.



2C4224



303B5C



4E381C

Square

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



303B5C



5C2F35



3E3E1B



004544

Rectangle

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



303B5C



53314B



3E3E1B



1D432D

Sweetspot

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



303B5C



676B78



305C51



33353D



BDBDBD



3D3D3D

Same Dimension

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



303B5C



344578



3B305C



292A2E



001B6E



003BED

Inverse Universe

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



5C303B



783445



515C30



2E292A



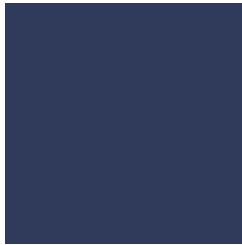
6E001B



ED003B

Previews

White Background



This preview shows how the Hex color 303B5C looks on a white background.

Color Contrast Check

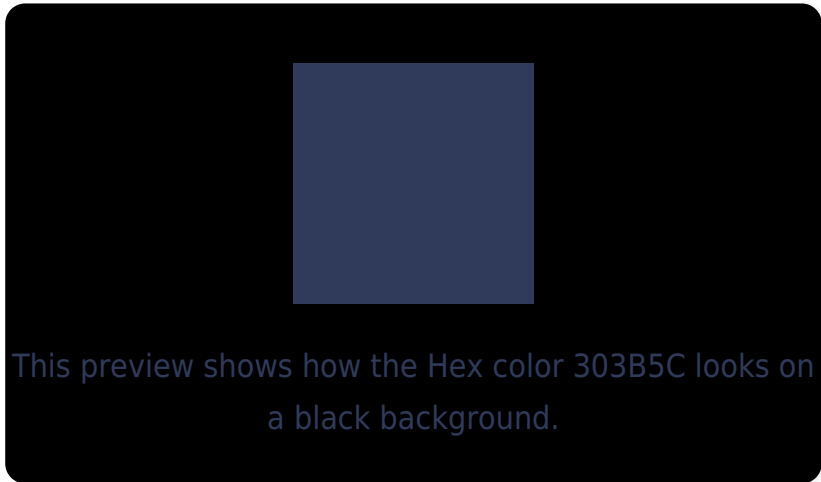
Large Text (above 18pt) WCAG AA ✓ Pass

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

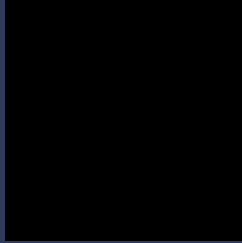
Any Text WCAG AA × Fail

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 303B5C Background



This preview shows how black text looks on a background with the Hex color 303B5C.



This preview shows how white text looks on a background with the Hex color 303B5C.

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](#).

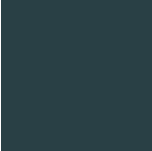
Dichromacy



Original Color
303B5C

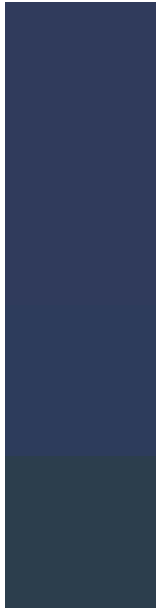
Protanopia
303B5C

Deuteranopia
2C3C5C



Tritanopia
294045

Trichromacy



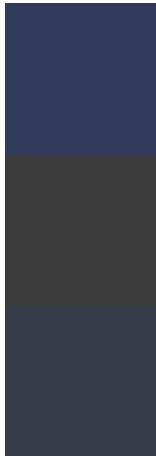
Original Color
303B5C

Protanomaly
303B5C

Deuteranomaly
2D3C5C

Tritanomaly
2C3E4D

Monochromacy



Original Color
303B5C

Achromatopsia
3B3B3B

Achromatomaly
373B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 303B5C 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 #303B5C looks like.

```
.text, #text, p{  
    color:#303B5C  
}
```

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 #303B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #303B5C
}
```

Border

The CSS property to change the border of an element to Hex 303B5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

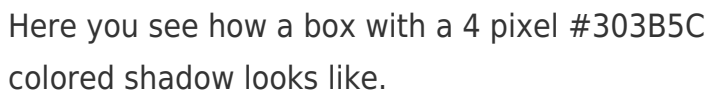
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#303B5C }
```

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

```
.border{ border-color:#303B5C }
```

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



Here you see how a box with a 4 pixel #303B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #303B5C; -webkit-box-shadow:4px 4px  
4px 4px #303B5C; box-shadow:4px 4px 4px  
4px #303B5C }
```

Background

The CSS property to change the background color of an element to Hex 303B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#303B5C }
```

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

```
.background{ background-color:#303B5C }
```

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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