

Converting Colors

Hex(313854)

Have a look what the booklet for
Hex(313854) contains.

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Color

Hex(313854)

Conversions

Conversions Part 1

Format	Color
Hex	313854
RGB	49, 56, 84
RGB Percent	19%, 22%, 33%
CMY	0.8078, 0.7804, 0.6706
CMYK	0.42, 0.33, 0.00, 0.67
HSL	228°, 26%, 26%
HSV	228°, 42%, 33%
XYZ	4.2810, 4.1214, 8.9574
YIQ	57.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

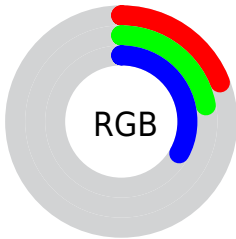
Format	Color
R_YB	49, 55, 84
Decimal	3225684
CIE Lab	24.07, 5.19, -17.90
CIE LCh	24, 18.636, 286.165
Yxy	4.1214, 0.2466, 0.2374
Android (android.graphics.Color)	4281415764 (0xFF313854)
YUV	57.0990, 13.2622, -7.1028
Hunter-Lab	20.3013, 2.1140, -11.9492




Details

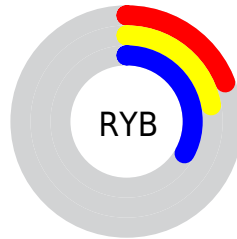
The Hex color **313854** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **544D31**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **616786**, and **040D27** is the 20% darker color. If you saturate the color by 10%, you get **293154**, and if you desaturate by 10%, it is **393F54**.

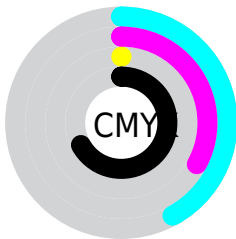
Distribution







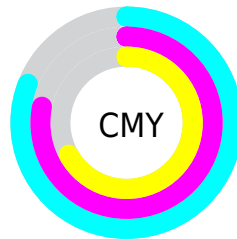
-  Red (19%)
-  Green (22%)
-  Blue (33%)






-  Red (19%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (42%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (81%)
-  Magenta (78%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313854 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 313854 by changing the saturation by 10% instead.

■ 313854

■ 313854

FFFFFF

■ 1A233D

■ 616786

■ 040D27

■ 7A80A0

■ 000111

■ 949ABB

■ 000000

■ AFB4D7

■ CBD0F3

■ E7ECFF

■ 313854

■ 313854

■ 293154

■ 393F54

■ 202B54

■ 424554

■ 182454

■ 4A4C54

■ 0F1D54

■ 535354

■ 071654

■ 5B5A54

■ 001154

■ 636054

■ 6C6754

■ 746E54

■ 7D7454

Harmonies

Analogous

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



183D54



313854



44334D

Triad

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



313854



513126



184032

Complementary

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



313854



544D31

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.



2B3E25



313854



48361E

Square

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



313854



542E32



3B3B1E



014141

Rectangle

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



313854



4D3045



3B3B1E



1F402D

Sweetspot

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



313854



5F626E



31544D



2F3138



B8B8B8



383838

Same Dimension

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



313854



37426E



3B3154



252629



001569



002EE8

Inverse Universe

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



543138



6E3742



4A5431



292526



690015



E8002E

Previews

White Background



This preview shows how the Hex color 313854 looks on a white background.

Color Contrast Check

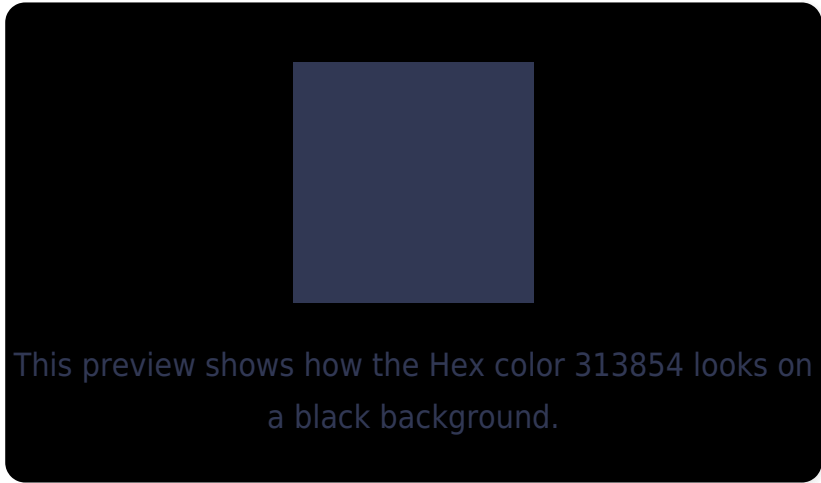
Large Text (above 18pt) WCAG AA ✓ Pass

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

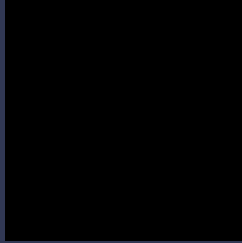
Any Text WCAG AA × Fail

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 313854 Background



This preview shows how black text looks on a background with the Hex color 313854.



This preview shows how white text looks on a background with the Hex color 313854.

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
313854

Protanopia
303854

Deuteranopia
2E3954



Tritanopia
2C3C41

Trichromacy



Original Color
313854

Protanomaly
303854

Deuteranomaly
2F3954

Tritanomaly
2E3B48

Monochromacy



Original Color
313854

Achromatopsia
393939

Achromatomaly
363943

CSS Examples

Text

The CSS property to change the color of the text to Hex 313854 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 #313854 looks like.

```
.text, #text, p{  
  color:#313854  
}
```

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 #313854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313854
}
```

Border

The CSS property to change the border of an element to Hex 313854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

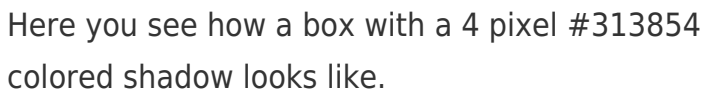
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313854 }
```

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

```
.border{ border-color:#313854 }
```

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



Here you see how a box with a 4 pixel #313854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313854; -webkit-box-shadow:4px 4px  
4px 4px #313854; box-shadow:4px 4px 4px  
4px #313854 }
```

Background

The CSS property to change the background color of an element to Hex 313854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313854 }
```

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

```
.background{ background-color:#313854 }
```

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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