

Converting Colors

Hex(313444)

Have a look what the booklet for
Hex(313444) contains.

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Color

Hex(313444)

Conversions

Conversions Part 1

Format	Color
Hex	313444
RGB	49, 52, 68
RGB Percent	19%, 20%, 27%
CMY	0.8078, 0.7961, 0.7333
CMYK	0.28, 0.24, 0.00, 0.73
HSL	231°, 16%, 23%
HSV	231°, 28%, 27%
XYZ	3.5380, 3.5263, 5.9630
YIQ	52.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

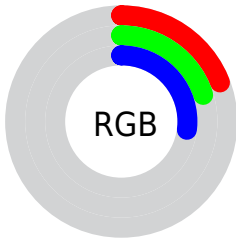
Format	Color
R_{YB}	49, 52, 68
Decimal	3224644
CIE Lab	22.04, 2.98, -10.37
CIE LCh	22, 10.787, 286.060
Yxy	3.5263, 0.2716, 0.2707
Android (android.graphics.Color)	4281414724 (0xFF313444)
YUV	52.9270, 7.4310, -3.4440
Hunter-Lab	18.7785, 0.7684, -5.6823

Details

The Hex color **313444** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **444131**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **606274**, and **030619** is the 20% darker color. If you saturate the color by 10%, you get **2A2E44**, and if you desaturate by 10%, it is **383A44**.

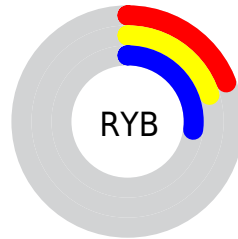
Distribution



Red (19%)

Green (20%)

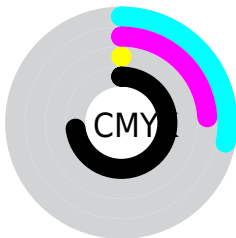
Blue (27%)



Red (19%)

Yellow (20%)

Blue (27%)

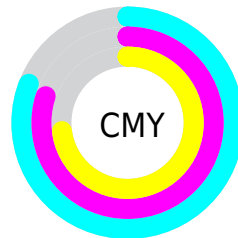


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (73%)



Cyan (81%)

Magenta (80%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313444 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 313444 by changing the saturation by 10% instead.

■ 313444

■ 313444

FFFFFF

■ 1C1F2E

■ 606274

■ 030619

■ 787B8E

■ 000000

■ 9295A8

■ ADB0C3

■ C8CBDF

■ E4E7FC

■ 313444

■ 313444

■ 2A2E44

■ 383A44

■ 232944

■ 3F3F44

■ 1D2344

■ 454544

■ 161D44

■ 4C4B44

■ 0F1744

■ 535144

■ 081244

■ 5A5644

■ 010C44

■ 615C44

■ 000B44

■ 676244

■ 6E6844

Harmonies

Analogous

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



263744



313444



3B3140

Triad

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



313444



43302A



243931

Complementary

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



313444



444131

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.



2D3829



313444



3E3325

Square

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



313444



452F31



363625



1E3939

Rectangle

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



313444



40303B



363625



27392E

Sweetspot

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



313444



525359



314441



292A2E



ADADAD



2E2E2E

Same Dimension

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



313444



3B4059



373144



1E1E21



000F61



0023E0

Inverse Universe

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



443134



593B40



3E4431



211E1E



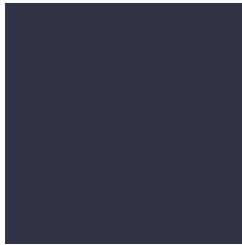
61000F



E00023

Previews

White Background



This preview shows how the Hex color 313444 looks on a white background.

Color Contrast Check

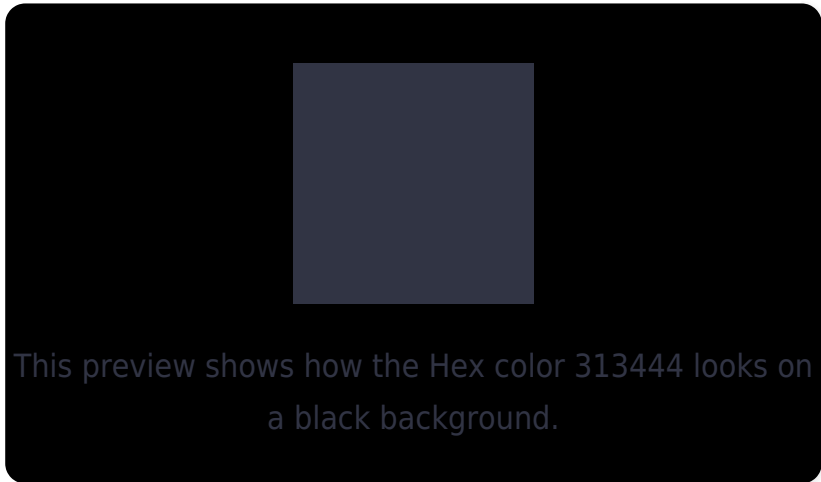
Large Text (above 18pt) WCAG AA ✓ Pass

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

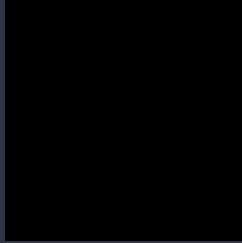
Any Text WCAG AA × Fail

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 313444 Background



This preview shows how black text looks on a background with the Hex color 313444.



This preview shows how white text looks on a background with the Hex color 313444.

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](#).

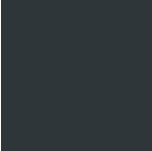
Dichromacy



Original Color
313444

Protanopia
313444

Deuteranopia
323444



Tritanopia
2F363A

Trichromacy



Original Color
313444

Protanomaly
313444

Deuteranomaly
323444

Tritanomaly
30353E

Monochromacy



Original Color
313444

Achromatopsia
353535

Achromatomaly
34353A

CSS Examples

Text

The CSS property to change the color of the text to Hex 313444 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 #313444 looks like.

```
.text, #text, p{  
    color:#313444  
}
```

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 #313444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313444
}
```

Border

The CSS property to change the border of an element to Hex 313444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

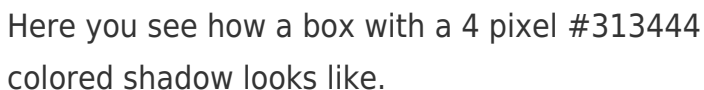
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313444 }
```

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

```
.border{ border-color:#313444 }
```

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



Here you see how a box with a 4 pixel #313444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313444; -webkit-box-shadow:4px 4px  
4px 4px #313444; box-shadow:4px 4px 4px  
4px #313444 }
```

Background

The CSS property to change the background color of an element to Hex 313444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313444 }
```

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

```
.background{ background-color:#313444 }
```

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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