

Converting Colors

Hex(313A4D)

Have a look what the booklet for
Hex(313A4D) contains.

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Color

Hex(313A4D)

Conversions

Conversions Part 1

Format	Color
Hex	313A4D
RGB	49, 58, 77
RGB Percent	19%, 23%, 30%
CMY	0.8078, 0.7725, 0.6980
CMYK	0.36, 0.25, 0.00, 0.70
HSL	221°, 22%, 25%
HSV	221°, 36%, 30%
XYZ	4.1192, 4.2149, 7.6176
YIQ	57.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

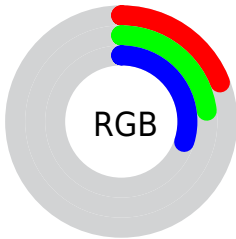
Format	Color
RYB	49, 56, 77
Decimal	3226189
CIELab	24.37, 1.62, -12.81
CIELCh	24, 12.910, 277.219
Yxy	4.2149, 0.2582, 0.2642
Android (android.graphics.Color)	4281416269 (0xFF313A4D)
YUV	57.4750, 9.6258, -7.4326
Hunter-Lab	20.5302, -0.1132, -7.6281

Details

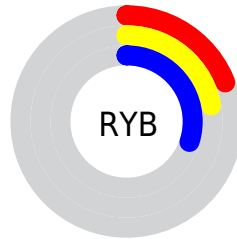
The Hex color **313A4D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D4431**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **60697E**, and **040F21** is the 20% darker color. If you saturate the color by 10%, you get **29354D**, and if you desaturate by 10%, it is **393F4D**.

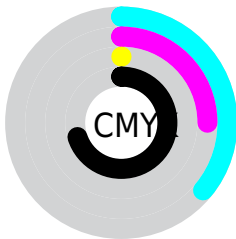
Distribution



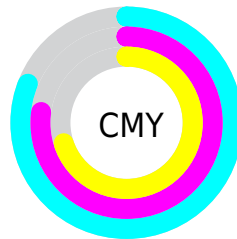
- Red (19%)
- Green (23%)
- Blue (30%)



- Red (19%)
- Yellow (22%)
- Blue (30%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (70%)



- Cyan (81%)
- Magenta (77%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313A4D 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 313A4D by changing the saturation by 10% instead.

■ 313A4D

■ 313A4D

FFFFFF

■ 1B2536

■ 60697E

■ 040F21

■ 798298

■ 000008

■ 939CB3

■ 000000

■ AEB7CE

■ C9D3EA

■ E6EFFF

■ 313A4D

■ 313A4D

■ 29354D

■ 393F4D

■ 22304D

■ 40444D

■ 1A2A4D

■ 484A4D

■ 12254D

■ 504F4D

■ 0B204D

■ 58544D

■ 031B4D

■ 5F594D

■ 00194D

■ 675F4D

■ 6F644D

■ 76694D

Harmonies

Analogous

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



243D4C



313A4D



3E3749

Triad

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



313A4D



4D342F



293F32

Complementary

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



313A4D



4D4431

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.



343D2A



313A4D



473728

Square

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



313A4D



4D3338



3F3A27



1F3F3C

Rectangle

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



313A4D



463545



3F3A27



2C3E2F

Sweetspot

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



313A4D



595C63



314D44



2C2F33



B3B3B3



333333

Same Dimension

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



313A4D



384663



36314D



222426



002166



004AE6

Inverse Universe

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



4D313A



633846



484D31



262224



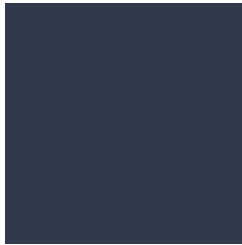
660021



E6004A

Previews

White Background



This preview shows how the Hex color 313A4D looks on a white background.

Color Contrast Check

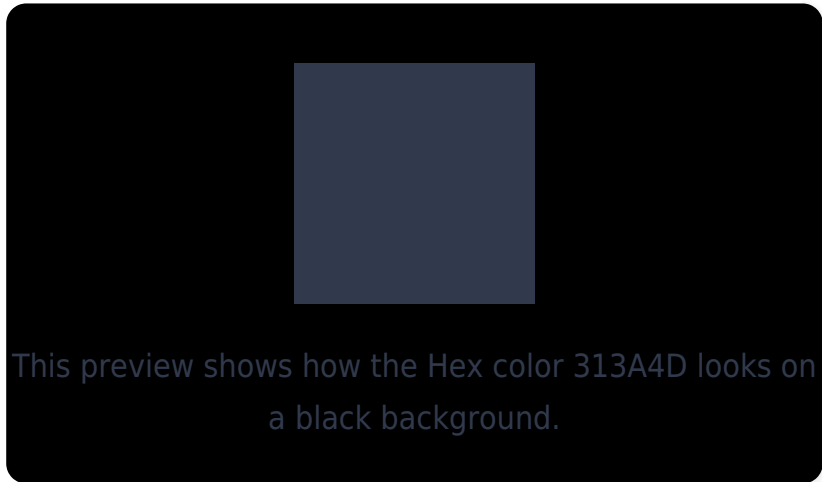
Large Text (above 18pt) WCAG AA ✓ Pass

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

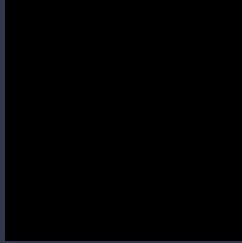
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

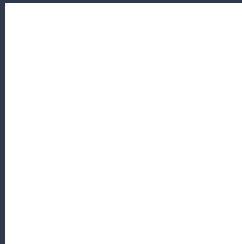
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 313A4D Background



This preview shows how black text looks on a background with the Hex color 313A4D.



This preview shows how white text looks on a background with the Hex color 313A4D.

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
313A4D

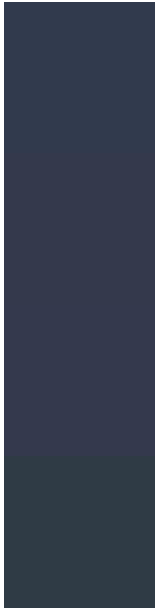
Protanopia
35394C

Deuteranopia
35394D



Tritanopia
2E3C41

Trichromacy



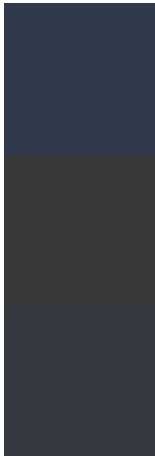
Original Color
313A4D

Protanomaly
34394C

Deuteranomaly
34394D

Tritanomaly
2F3B45

Monochromacy



Original Color
313A4D

Achromatopsia
393939

Achromatomaly
363940

CSS Examples

Text

The CSS property to change the color of the text to Hex 313A4D 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 #313A4D looks like.

```
.text, #text, p{  
    color:#313A4D  
}
```

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 #313A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313A4D
}
```

Border

The CSS property to change the border of an element to Hex 313A4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

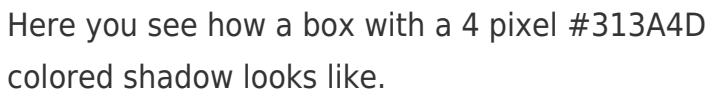
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#313A4D }
```

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

```
.border{ border-color:#313A4D }
```

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



Here you see how a box with a 4 pixel #313A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313A4D; -webkit-box-shadow:4px 4px  
4px 4px #313A4D; box-shadow:4px 4px 4px  
4px #313A4D }
```

Background

The CSS property to change the background color of an element to Hex 313A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313A4D }
```

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

```
.background{ background-color:#313A4D }
```

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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