

Converting Colors

Hex(313A66)

Have a look what the booklet for
Hex(313A66) contains.

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Color

Hex(313A66)

Conversions

Conversions Part 1

Format	Color
Hex	313A66
RGB	49, 58, 102
RGB Percent	19%, 23%, 40%
CMY	0.8078, 0.7725, 0.6000
CMYK	0.52, 0.43, 0.00, 0.60
HSL	230°, 35%, 30%
HSV	230°, 52%, 40%
XYZ	5.1780, 4.6384, 13.1928
YIQ	60.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

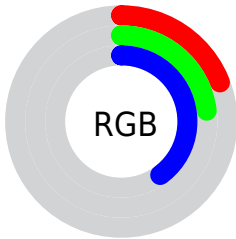
Format	Color
R_{YB}	49, 57, 102
Decimal	3226214
CIE _{Lab}	25.68, 9.89, -27.11
CIE _{LCh}	26, 28.856, 290.053
Yxy	4.6384, 0.2250, 0.2016
Android (android.graphics.Color)	4281416294 (0xFF313A66)
YUV	60.3250, 20.5458, -9.9320
Hunter-Lab	21.5369, 5.2257, -21.2431

Details

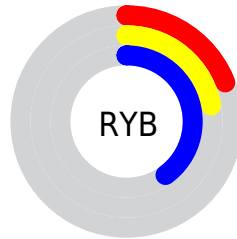
The Hex color **313A66** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **665D31**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **636999**, and **001037** is the 20% darker color. If you saturate the color by 10%, you get **273266**, and if you desaturate by 10%, it is **3B4266**.

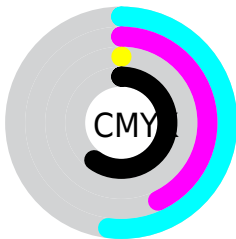
Distribution



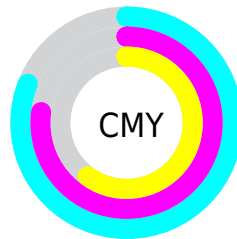
- Red (19%)
- Green (23%)
- Blue (40%)



- Red (19%)
- Yellow (22%)
- Blue (40%)



- Cyan (52%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313A66 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 313A66 by changing the saturation by 10% instead.

■ 313A66

■ 313A66

FFFFFF

■ 18254E

■ 636999

■ 001037

■ 7D82B4

■ 000221

■ 979CD0

■ 000006

■ B2B7EC

■ 000000

■ CED2FF

■ EBEFFF

■ 313A66

■ 313A66

■ 273266

■ 3B4266

■ 1D2966

■ 454B66

■ 122166

■ 505366

■ 081866

■ 5A5C66

■ 001166

■ 646466

■ 6E6D66

■ 787566

■ 837E66

■ 8D8666

Harmonies

Analogous

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



004168



313A66



503159

Triad

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



313A66



5E311C



004735

Complementary

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



313A66



665D31

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.



20451F



313A66



4F3910

Square

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



313A66



652A2F



3B4011



00484B

Rectangle

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



313A66



5D2C4C



3B4011



00472D

Sweetspot

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



313A66



6F7385



31665C



363842



C2C2C2



424242

Same Dimension

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



313A66



324085



423166



2E2F33



001373



0029F2

Inverse Universe

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



66313A



853240



556631



332E2F



730013



F20029

Previews

White Background



This preview shows how the Hex color 313A66 looks on a white background.

Color Contrast Check

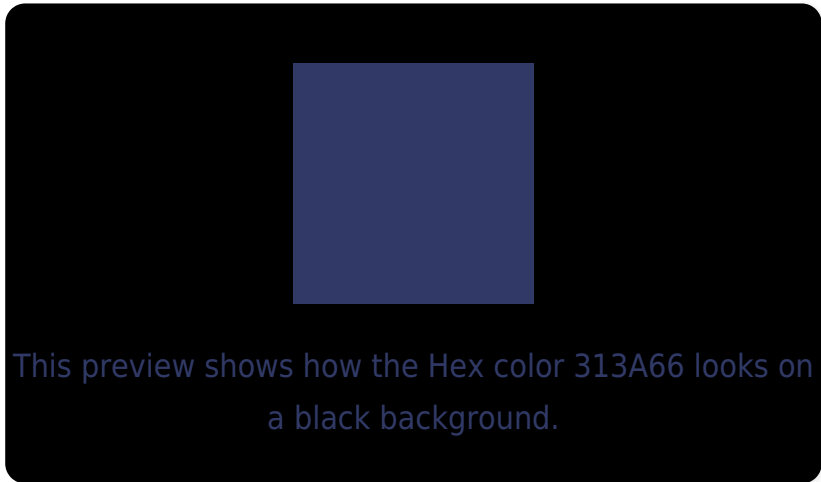
Large Text (above 18pt) WCAG AA ✓ Pass

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

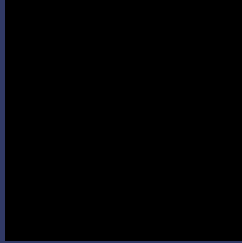
Any Text WCAG AA × Fail

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 313A66 Background



This preview shows how black text looks on a background with the Hex color 313A66.



This preview shows how white text looks on a background with the Hex color 313A66.

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

313A66

Protanopia

2A3B67

Deuteranopia

223D65



Tritanopia
264146

Trichromacy



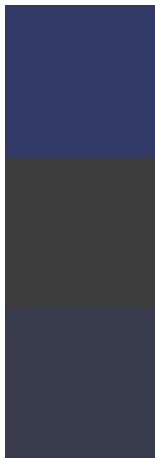
Original Color
313A66

Protanomaly
2D3B67

Deuteranomaly
273C65

Tritanomaly
2A3E52

Monochromacy



Original Color
313A66

Achromatopsia
3C3C3C

Achromatomaly
383B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 313A66 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 #313A66 looks like.

```
.text, #text, p{  
    color:#313A66  
}
```

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 #313A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313A66  
}
```

Border

The CSS property to change the border of an element to Hex 313A66 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  
#313A66 }
```

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

```
.border{ border-color:#313A66 }
```

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

Here you see how a box with a 4 pixel #313A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313A66; -webkit-box-shadow:4px 4px  
4px 4px #313A66; box-shadow:4px 4px 4px  
4px #313A66 }
```

Background

The CSS property to change the background color of an element to Hex 313A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313A66 }
```

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

```
.background{ background-color:#313A66 }
```

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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