

Converting Colors

Hex(313B61)

Have a look what the booklet for
Hex(313B61) contains.

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Color

Hex(313B61)

Conversions

Conversions Part 1

Format	Color
Hex	313B61
RGB	49, 59, 97
RGB Percent	19%, 23%, 38%
CMY	0.8078, 0.7686, 0.6196
CMYK	0.49, 0.39, 0.00, 0.62
HSL	228°, 33%, 29%
HSV	228°, 49%, 38%
XYZ	4.9883, 4.6440, 11.9427
YIQ	60.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

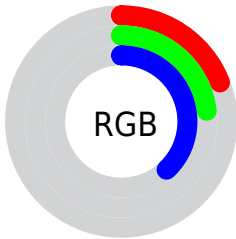
Format	Color
RYB	49, 57, 97
Decimal	3226465
CIELab	25.70, 7.48, -23.85
CIELCh	26, 24.993, 287.412
Yxy	4.6440, 0.2312, 0.2152
Android (android.graphics.Color)	4281416545 (0xFF313B61)
YUV	60.3420, 18.0724, -9.9469
Hunter-Lab	21.5499, 3.6060, -17.7730

Details

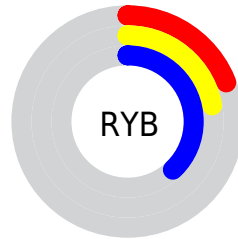
The Hex color **313B61** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615731**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **626A94**, and **001132** is the 20% darker color. If you saturate the color by 10%, you get **273361**, and if you desaturate by 10%, it is **3B4361**.

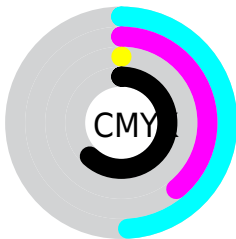
Distribution



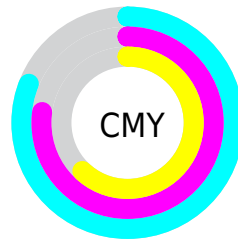
- Red (19%)
- Green (23%)
- Blue (38%)



- Red (19%)
- Yellow (22%)
- Blue (38%)



- Cyan (49%)
- Magenta (39%)
- Yellow (0%)
- Black (62%)



- Cyan (81%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313B61 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 313B61 by changing the saturation by 10% instead.



313B61



313B61

FFFFFF



192649



626A94



001132



7C83AF



00021D



969DCA



000000



B1B8E6



CDD4FF



EAF0FF



313B61



313B61



273361



3B4361

■ 1E2C61

■ 444A61

■ 142461

■ 4E5261

■ 0A1C61

■ 585A61

■ 011561

■ 626161

■ 001461

■ 6B6961

■ 757161

■ 7F7861

■ 888061

Harmonies

Analogous

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



004162



313B61



4C3457

Triad

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



313B61



5B3222



034634

Complementary

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



313B61



615731

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.



284422



313B61



4F3917

Square

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



313B61



612D33



3D3F17



004648

Rectangle

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



313B61



582F4C



3D3F17



14452E

Sweetspot

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



313B61



6A6E7D



316157



343740



BFBFBF



404040

Same Dimension

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



313B61



33437D



3F3161



2C2D30



001770



0032F0

Inverse Universe

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



61313B



7D3343



536131



302C2D



700017



F00032

Previews

White Background



This preview shows how the Hex color 313B61 looks on a white background.

Color Contrast Check

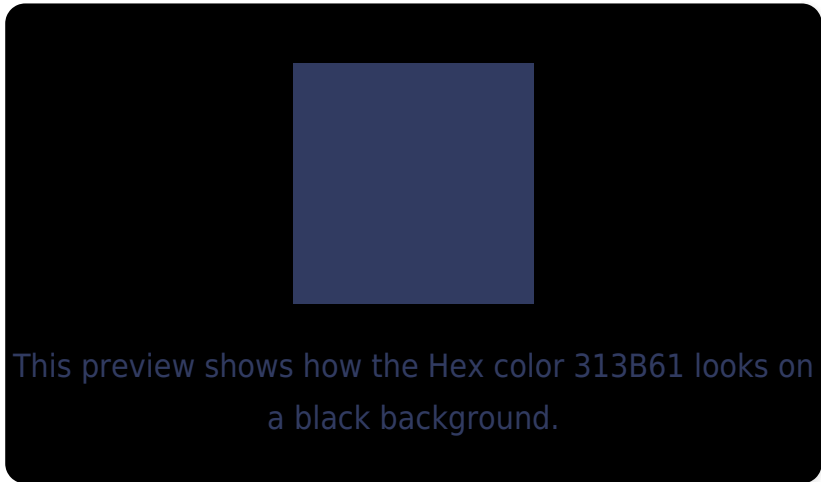
Large Text (above 18pt) WCAG AA ✓ Pass

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

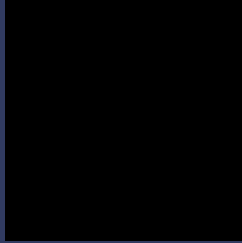
Any Text WCAG AA × Fail

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 313B61 Background



This preview shows how black text looks on a background with the Hex color 313B61.



This preview shows how white text looks on a background with the Hex color 313B61.

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](#).

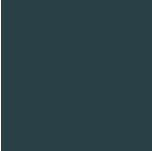
Dichromacy



Original Color
313B61

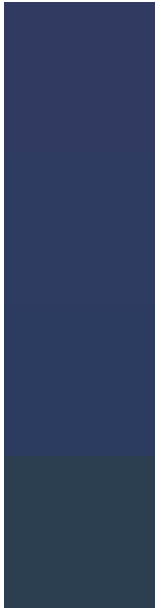
Protanopia
2E3C62

Deuteranopia
293D61



Tritanopia
294146

Trichromacy



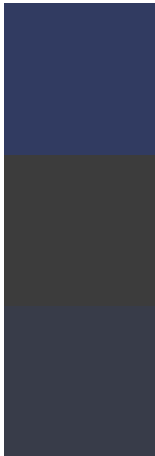
Original Color
313B61

Protanomaly
2F3C62

Deuteranomaly
2C3C61

Tritanomaly
2C3F50

Monochromacy



Original Color
313B61

Achromatopsia
3C3C3C

Achromatomaly
383C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 313B61 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 #313B61 looks like.

```
.text, #text, p{  
    color:#313B61  
}
```

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 #313B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313B61  
}
```

Border

The CSS property to change the border of an element to Hex 313B61 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  
#313B61 }
```

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

```
.border{ border-color:#313B61 }
```

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

Here you see how a box with a 4 pixel #313B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313B61; -webkit-box-shadow:4px 4px  
4px 4px #313B61; box-shadow:4px 4px 4px  
4px #313B61 }
```

Background

The CSS property to change the background color of an element to Hex 313B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313B61 }
```

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

```
.background{ background-color:#313B61 }
```

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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