

Converting Colors

Hex(313E81)

Have a look what the booklet for
Hex(313E81) contains.

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Color

Hex(313E81)

Conversions

Conversions Part 1

Format	Color
Hex	313E81
RGB	49, 62, 129
RGB Percent	19%, 24%, 51%
CMY	0.8078, 0.7569, 0.4941
CMYK	0.62, 0.52, 0.00, 0.49
HSL	230°, 45%, 35%
HSV	230°, 62%, 51%
XYZ	6.9517, 5.6832, 21.4995
YIQ	65.7510, -29.2550, 18.0810

Conversions

Conversions Part 2

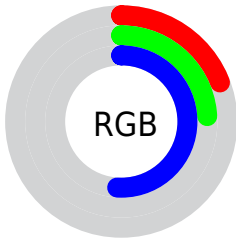
Format	Color
R_{YB}	49, 60, 129
Decimal	3227265
CIE _{Lab}	28.60, 16.86, -39.57
CIE _{LCh}	29, 43.012, 293.084
Yxy	5.6832, 0.2037, 0.1665
Android (android.graphics.Color)	4281417345 (0xFF313E81)
YUV	65.7510, 31.1818, -14.6906
Hunter-Lab	23.8395, 10.3324, -36.7827

Details

The Hex color **313E81** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **817431**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **676DB6**, and **00154F** is the 20% darker color. If you saturate the color by 10%, you get **243381**, and if you desaturate by 10%, it is **3E4981**.

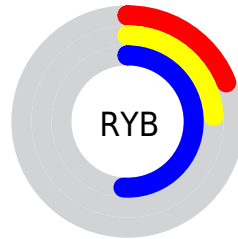
Distribution



 Red (19%)

 Green (24%)

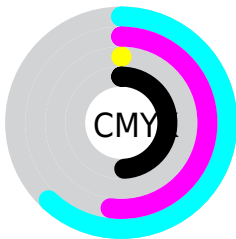
 Blue (51%)



 Red (19%)

 Yellow (24%)

 Blue (51%)

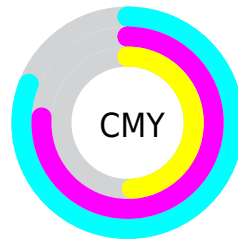


 Cyan (62%)

 Magenta (52%)

 Yellow (0%)

 Black (49%)



 Cyan (81%)

 Magenta (76%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313E81 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 313E81 by changing the saturation by 10% instead.

■ 313E81

■ 313E81

FFFFFF

■ 112868

■ 676DB6

■ 00154F

■ 8286D2

■ 000038

■ 9DA1EF

■ 000221

■ B9BCFF

■ 000006

■ D6D7FF

■ 000000

■ F3F4FF

■ 313E81

■ 313E81

■ 243381

■ 3E4981

■ 172881

■ 4B5481

■ 0A1E81

■ 585E81

■ 001581

■ 656981

■ 727481

■ 7E7F81

■ 8B8A81

■ 989481

■ A59F81

Harmonies

Analogous

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



004A86



313E81



632E6C

Triad

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



313E81



70310C



00523A

Complementary

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



313E81



817431

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.



024F18



313E81



593F00

Square

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



313E81



7D222C



3A4900



00525D

Rectangle

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



313E81



752358



3A4900



00512F

Sweetspot

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



313E81



888EA8



318174



414454



D4D4D4



545454

Same Dimension

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



313E81



2C40A8



4C3181



393A40



001580



000000

Inverse Universe

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



81313E



A82C40



668131



40393A



800015



000000

Previews

White Background



This preview shows how the Hex color 313E81 looks on a white background.

Color Contrast Check

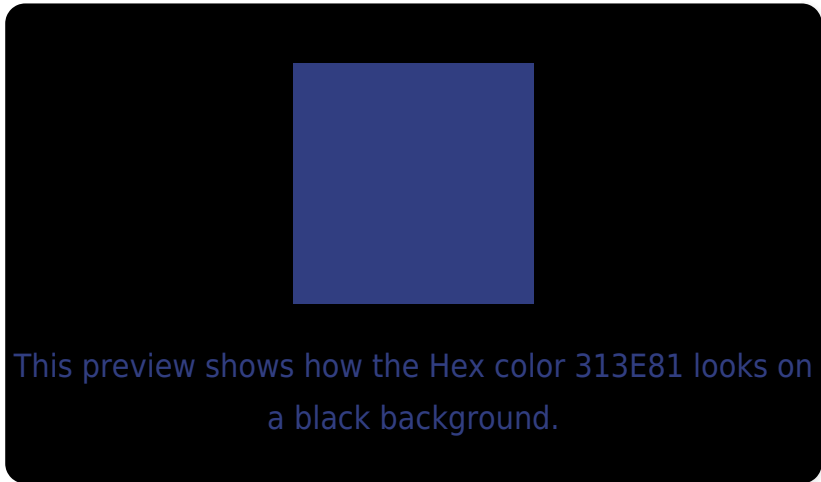
Large Text (above 18pt) WCAG AA ✓ Pass

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

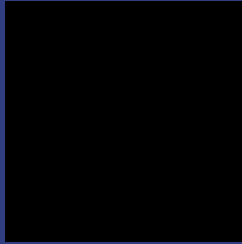
Any Text WCAG AA × Fail

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 313E81 Background



This preview shows how black text looks on a background with the Hex color 313E81.

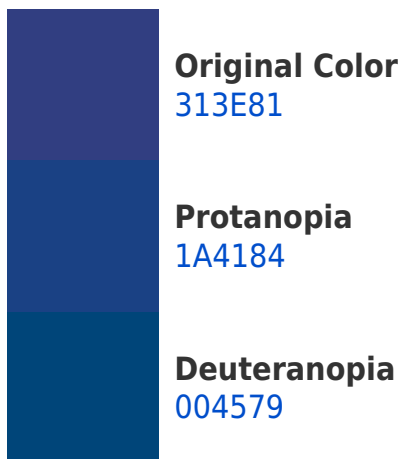


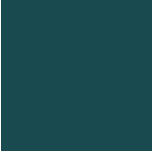
This preview shows how white text looks on a background with the Hex color 313E81.

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





Tritanopia
184A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 313E81 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 #313E81 looks like.

```
.text, #text, p{  
    color:#313E81  
}
```

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 #313E81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313E81
}
```

Border

The CSS property to change the border of an element to Hex 313E81 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".

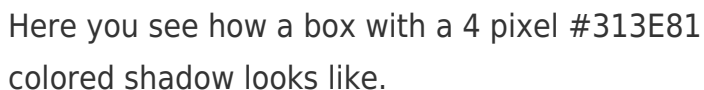
```
.border, #border, table{ border:4px solid
#313E81 }
```

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

```
.border{ border-color:#313E81 }
```

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

Here you see how a box with a 4 pixel #313E81 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313E81; -webkit-box-shadow:4px 4px  
4px 4px #313E81; box-shadow:4px 4px 4px  
4px #313E81 }
```

Background

The CSS property to change the background color of an element to Hex 313E81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313E81 }
```

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

```
.background{ background-color:#313E81 }
```

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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