

Converting Colors

Hex(313B7F)

Have a look what the booklet for
Hex(313B7F) contains.

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Color

Hex(313B7F)

Conversions

Conversions Part 1

Format	Color
Hex	313B7F
RGB	49, 59, 127
RGB Percent	19%, 23%, 50%
CMY	0.8078, 0.7686, 0.5020
CMYK	0.61, 0.54, 0.00, 0.50
HSL	232°, 44%, 35%
HSV	232°, 61%, 50%
XYZ	6.6614, 5.3132, 20.7531
YIQ	63.7620, -27.7880, 19.0280

Conversions

Conversions Part 2

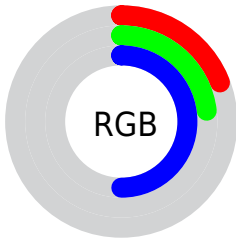
Format	Color
R_{YB}	49, 58, 127
Decimal	3226495
CIE _{Lab}	27.61, 18.18, -39.91
CIE _{LCh}	28, 43.855, 294.487
Yxy	5.3132, 0.2035, 0.1623
Android (android.graphics.Color)	4281416575 (0xFF313B7F)
YUV	63.7620, 31.1763, -12.9463
Hunter-Lab	23.0504, 11.2467, -37.2458

Details

The Hex color **313B7F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F7531**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **676AB4**, and **00124D** is the 20% darker color. If you saturate the color by 10%, you get **24307F**, and if you desaturate by 10%, it is **3E467F**.

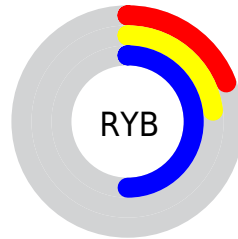
Distribution



Red (19%)

Green (23%)

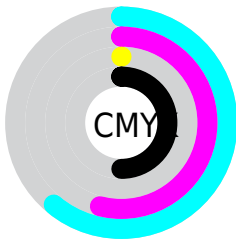
Blue (50%)



Red (19%)

Yellow (23%)

Blue (50%)

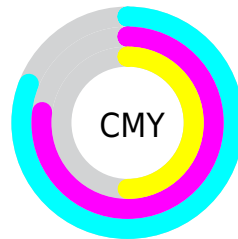


Cyan (61%)

Magenta (54%)

Yellow (0%)

Black (50%)



Cyan (81%)

Magenta (77%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313B7F 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 313B7F by changing the saturation by 10% instead.

■ 313B7F

■ 313B7F

FFFFFF

■ 112666

■ 676AB4

■ 00124D

■ 8283D0

■ 000036

■ 9D9DED

■ 000220

■ B9B8FF

■ 000003

■ D6D4FF

■ 000000

■ F3F0FF

■ 313B7F

■ 313B7F

■ 24307F

■ 3E467F

■ 18257F

■ 4A517F

■ 0B1A7F

■ 575C7F

■ 00107F

■ 64677F

■ 71727F

■ 7D7D7F

■ 8A897F

■ 97947F

■ A39F7F

Harmonies

Analogous

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



004785



313B7F



632A69

Triad

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



313B7F



6D2F07



00503A

Complementary

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



313B7F



7F7531

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.



004D17



313B7F



553E00

Square

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



313B7F



7B1F28



364700



00505C

Rectangle

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



313B7F



741F54



364700



004F2E

Sweetspot

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



313B7F



888CA6



317F75



424454



D4D4D4



545454

Same Dimension

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



313B7F



2B3BA6



4E317F



393A40



001080



000000

Inverse Universe

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



7F313B



A62B3B



627F31



40393A



800010



000000

Previews

White Background



This preview shows how the Hex color 313B7F looks on a white background.

Color Contrast Check

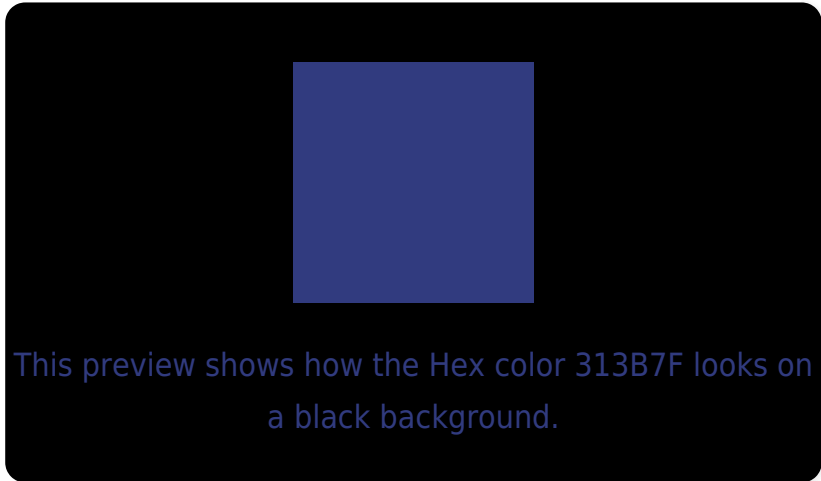
Large Text (above 18pt) WCAG AA ✓ Pass

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

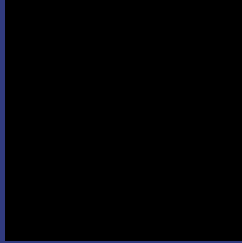
Any Text WCAG AA × Fail

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 313B7F Background



This preview shows how black text looks on a background with the Hex color 313B7F.



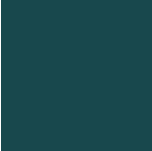
This preview shows how white text looks on a background with the Hex color 313B7F.

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
18484D

Trichromacy



Original Color
313B7F

Protanomaly
1D3E82

Deuteranomaly
124078

Tritanomaly
21435F

Monochromacy



Original Color
313B7F

Achromatopsia
404040

Achromatomaly
3B3E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 313B7F 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 #313B7F looks like.

```
.text, #text, p{  
    color:#313B7F  
}
```

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 #313B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313B7F
}
```

Border

The CSS property to change the border of an element to Hex 313B7F 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".

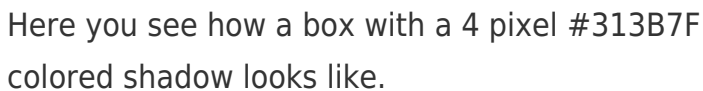
```
.border, #border, table{ border:4px solid
#313B7F }
```

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

```
.border{ border-color:#313B7F }
```

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

Here you see how a box with a 4 pixel #313B7F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313B7F; -webkit-box-shadow:4px 4px  
4px 4px #313B7F; box-shadow:4px 4px 4px  
4px #313B7F }
```

Background

The CSS property to change the background color of an element to Hex 313B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313B7F }
```

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

```
.background{ background-color:#313B7F }
```

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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