

Converting Colors

Hex(313A7A)

Have a look what the booklet for
Hex(313A7A) contains.

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Color

Hex(313A7A)

Conversions

Conversions Part 1

Format	Color
Hex	313A7A
RGB	49, 58, 122
RGB Percent	19%, 23%, 48%
CMY	0.8078, 0.7725, 0.5216
CMYK	0.60, 0.52, 0.00, 0.52
HSL	233°, 43%, 34%
HSV	233°, 60%, 48%
XYZ	6.2925, 5.0842, 19.0621
YIQ	62.6050, -25.9080, 17.9960

Conversions

Conversions Part 2

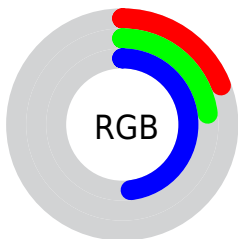
Format	Color
R_{YB}	49, 57, 122
Decimal	3226234
CIE _{Lab}	26.97, 17.04, -37.79
CIE _{LCh}	27, 41.456, 294.271
Yxy	5.0842, 0.2067, 0.1670
Android (android.graphics.Color)	4281416314 (0xFF313A7A)
YUV	62.6050, 29.2817, -11.9316
Hunter-Lab	22.5482, 10.3546, -34.3395

Details


The Hex color **313A7A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A7131**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6669AF**, and **001149** is the 20% darker color. If you saturate the color by 10%, you get **252F7A**, and if you desaturate by 10%, it is **3D457A**.

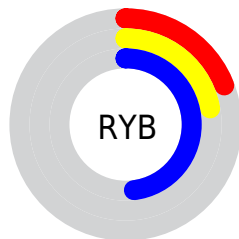
Distribution



 Red (19%)

 Green (23%)

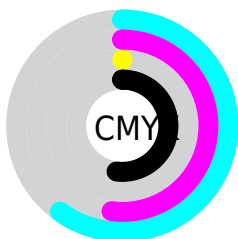
 Blue (48%)




 Red (19%)

 Yellow (22%)

 Blue (48%)

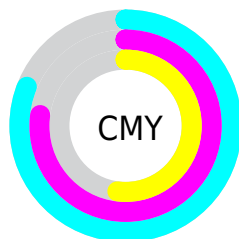



 Cyan (60%)


 Magenta (52%)

 Yellow (0%)

 Black (52%)



 Cyan (81%)

 Magenta (77%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 313A7A 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 313A7A by changing the saturation by 10% instead.

■ 313A7A

■ 313A7A

FFFFFF

■ 132561

■ 6669AF

■ 001149

■ 8182CB

■ 000132

■ 9C9CE7

■ 00011C

■ B8B7FF

■ 000000

■ D4D2FF

■ F1EFFF

■ 313A7A

■ 313A7A

■ 252F7A

■ 3D457A

■ 19257A

■ 494F7A

■ 0C1A7A

■ 565A7A

■ 000F7A

■ 62657A

■ 6E6F7A

■ 7A7A7A

■ 86857A

■ 93907A

■ 9F9A7A

Harmonies

Analogous

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



00457F



313A7A



602A65

Triad

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



313A7A



6A2F0A



004E38

Complementary

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



313A7A



7A7131

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.



004B18



313A7A



533C00

Square

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



313A7A



762028



354600



004E59

Rectangle

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



313A7A



702052



354600



004D2D

Sweetspot

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



313A7A



82859E



317A70



3E404F



CFCFCF



4F4F4F

Same Dimension

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



313A7A



2C3A9E



4C317A



37383D



000F7D



001FFC

Inverse Universe

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



7A313A



9E2C3A



5F7A31



3D3738



7D000F



FC001F

Previews

White Background



This preview shows how the Hex color 313A7A looks on a white background.

Color Contrast Check

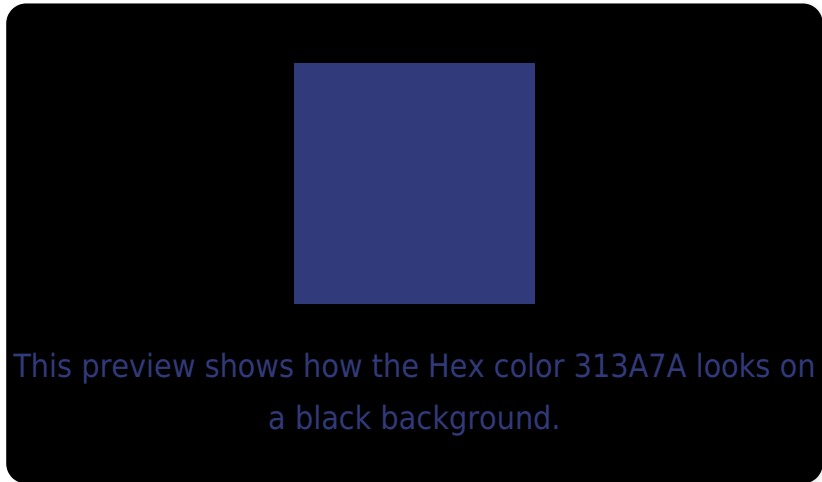
Large Text (above 18pt) WCAG AA ✓ Pass

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 313A7A Background



This preview shows how black text looks on a background with the Hex color 313A7A.



This preview shows how white text looks on a background with the Hex color 313A7A.

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
313A7A

Protanopia
173E7E

Deuteranopia
004172



Tritanopia
1C464B

Trichromacy



Original Color
313A7A

Protanomaly
203D7D

Deuteranomaly
123E75

Tritanomaly
24425C

Monochromacy



Original Color
313A7A

Achromatopsia
3F3F3F

Achromatomaly
3A3D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 313A7A 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 #313A7A looks like.

```
.text, #text, p{  
    color:#313A7A  
}
```

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 #313A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #313A7A
}
```

Border

The CSS property to change the border of an element to Hex 313A7A 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
#313A7A }
```

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

```
.border{ border-color:#313A7A }
```

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

Here you see how a box with a 4 pixel #313A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #313A7A; -webkit-box-shadow:4px 4px  
4px 4px #313A7A; box-shadow:4px 4px 4px  
4px #313A7A }
```

Background

The CSS property to change the background color of an element to Hex 313A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#313A7A }
```

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

```
.background{ background-color:#313A7A }
```

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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