

Converting Colors

Hex(314D7B)

Have a look what the booklet for
Hex(314D7B) contains.

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Color

Hex(314D7B)

Conversions

Conversions Part 1

Format	Color
Hex	314D7B
RGB	49, 77, 123
RGB Percent	19%, 30%, 48%
CMY	0.8078, 0.6980, 0.5176
CMYK	0.60, 0.37, 0.00, 0.52
HSL	217°, 43%, 34%
HSV	217°, 60%, 48%
XYZ	7.4957, 7.3908, 19.7704
YIQ	73.8720, -31.4540, 8.3700

Conversions

Conversions Part 2

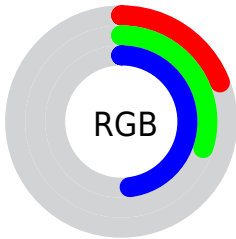
Format	Color
R_{YB}	49, 69, 123
Decimal	3231099
CIE _{Lab}	32.68, 4.59, -29.32
CIE _{LCh}	33, 29.678, 278.893
Yxy	7.3908, 0.2163, 0.2133
Android (android.graphics.Color)	4281421179 (0xFF314D7B)
YUV	73.8720, 24.2201, -21.8127
Hunter-Lab	27.1860, 1.6401, -24.0871

Details

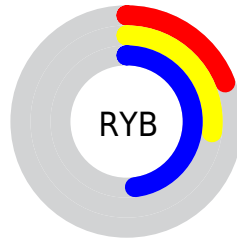
The Hex color **314D7B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B5F31**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **667EB0**, and **00214A** is the 20% darker color. If you saturate the color by 10%, you get **25457B**, and if you desaturate by 10%, it is **3D557B**.

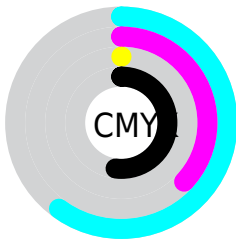
Distribution



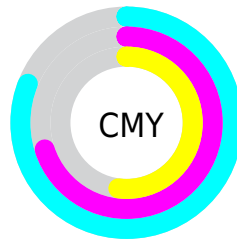
- Red (19%)
- Green (30%)
- Blue (48%)



- Red (19%)
- Yellow (27%)
- Blue (48%)



- Cyan (60%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314D7B 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 314D7B by changing the saturation by 10% instead.

■ 314D7B

■ 314D7B

FFFFFF

■ 143662

■ 667EB0

■ 00214A

■ 8097CB

■ 000A33

■ 9BB2E8

■ 00021D

■ B7CEFF

■ 000000

■ D3EAFF

■ F0FFFF

■ 314D7B

■ 314D7B

■ 25457B

■ 3D557B

■ 183E7B

■ 4A5C7B

■ 0C367B

■ 56647B

■ 002F7B

■ 626C7B

■ 6F737B

■ 7B7B7B

■ 87837B

■ 938A7B

■ A0927B

Harmonies

Analogous

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



005478



314D7B



584471

Triad

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



314D7B



753D31



17573B

Complementary

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



314D7B



7B5F31

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.



3B5427



314D7B



684621

Square

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



314D7B



793947



544E1D



005953

Rectangle

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



314D7B



693E65



544E1D



265734

Sweetspot

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



314D7B



848FA1



317B5F



404652



D1D1D1



525252

Same Dimension

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



314D7B



2D59A1



3A317B



37393D



002F7D



0060FC

Inverse Universe

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



7B314D



A12D59



727B31



3D3739



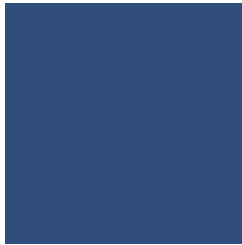
7D002F



FC0060

Previews

White Background



This preview shows how the Hex color 314D7B looks on a white background.

Color Contrast Check

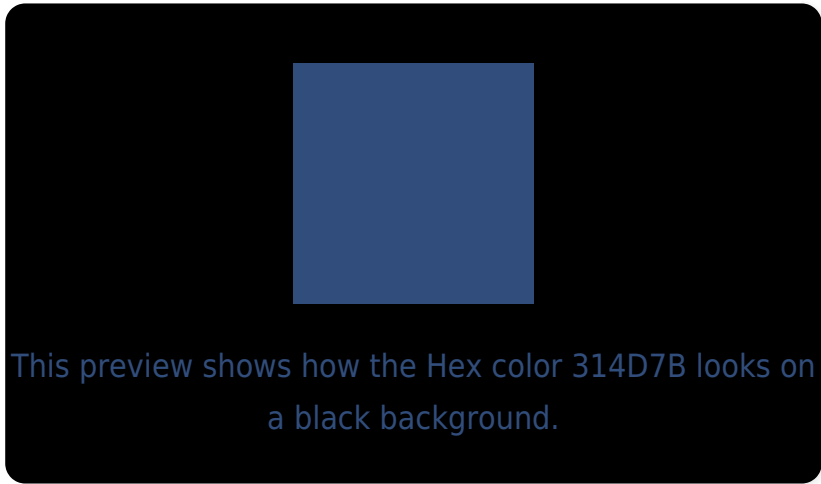
Large Text (above 18pt) WCAG AA ✓ Pass

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

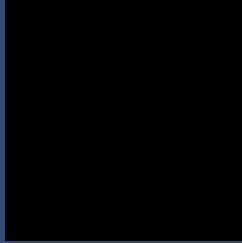
Any Text WCAG AA × Fail

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 314D7B Background



This preview shows how black text looks on a background with the Hex color 314D7B.



This preview shows how white text looks on a background with the Hex color 314D7B.

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
314D7B

Protanopia
3B4B79

Deuteranopia
324D7B



Tritanopia
22545B

Trichromacy



Original Color
314D7B

Protanomaly
374C7A

Deuteranomaly
324D7B

Tritanomaly
275167

Monochromacy



Original Color
314D7B

Achromatopsia
4A4A4A

Achromatomaly
414B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 314D7B 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 #314D7B looks like.

```
.text, #text, p{  
    color:#314D7B  
}
```

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 #314D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314D7B  
}
```

Border

The CSS property to change the border of an element to Hex 314D7B 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  
#314D7B }
```

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

```
.border{ border-color:#314D7B }
```

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

Here you see how a box with a 4 pixel #314D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314D7B; -webkit-box-shadow:4px 4px  
4px 4px #314D7B; box-shadow:4px 4px 4px  
4px #314D7B }
```

Background

The CSS property to change the background color of an element to Hex 314D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314D7B }
```

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

```
.background{ background-color:#314D7B }
```

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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