

Converting Colors

Hex(0B315B)

Have a look what the booklet for
Hex(0B315B) contains.

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Color

Hex(0B315B)

Conversions

Conversions Part 1

Format	Color
Hex	0B315B
RGB	11, 49, 91
RGB Percent	4%, 19%, 36%
CMY	0.9569, 0.8078, 0.6431
CMYK	0.88, 0.46, 0.00, 0.64
HSL	212°, 78%, 20%
HSV	212°, 88%, 36%
XYZ	3.1247, 3.0231, 10.3164
YIQ	42.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

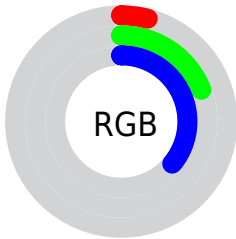
Format	Color
R_{YB}	11, 37, 91
Decimal	733531
CIE _{Lab}	20.14, 4.41, -28.87
CIE _{LCh}	20, 29.209, 278.692
Yxy	3.0231, 0.1898, 0.1836
Android (android.graphics.Color)	4278923611 (0xFF0B315B)
YUV	42.4260, 23.9470, -27.5606
Hunter-Lab	17.3871, 1.6511, -23.0079

Details

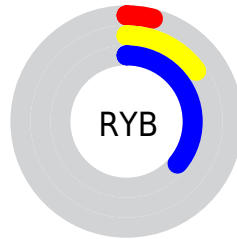
The Hex color **0B315B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B350B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **455F8E**, and **00002D** is the 20% darker color. If you saturate the color by 10%, you get **022C5B**, and if you desaturate by 10%, it is **14365B**.

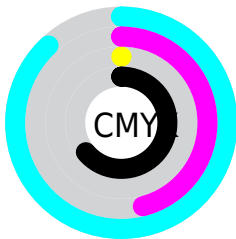
Distribution



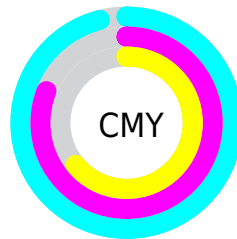
- Red (4%)
- Green (19%)
- Blue (36%)



- Red (4%)
- Yellow (15%)
- Blue (36%)



- Cyan (88%)
- Magenta (46%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B315B 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 0B315B by changing the saturation by 10% instead.

0B315B

0B315B

FFFFFF

001C43

455F8E

00002D

5F77A8

000117

7A91C3

000000

95ABE0

B0C7FC

CCE3FF

E9FFFF

0B315B

0B315B

■ 022C5B

■ 14365B

■ 002B5B

■ 1D3B5B

■ 263F5B

■ 2F445B

■ 39495B

■ 424E5B

■ 4B525B

■ 54575B

■ 5D5C5B

Harmonies

Analogous

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



003758



0B315B



392852

Triad

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



0B315B



542117



003A20

Complementary

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



0B315B



5B350B

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.



1F370C



0B315B



482A04

Square

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



0B315B



571C2B



363200



003B36

Rectangle

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



0B315B



492247



363200



053919

Sweetspot

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



0B315B



576575



0B5B34



28313B



BABABA



3B3B3B

Same Dimension

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



0B315B



003875



0C0B5B



292B2E



00346E



0071ED

Inverse Universe

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



5B0B31



750038



5A5B0B



2E292B



6E0034



ED0071

Previews

White Background



This preview shows how the Hex color 0B315B looks on a white background.

Color Contrast Check

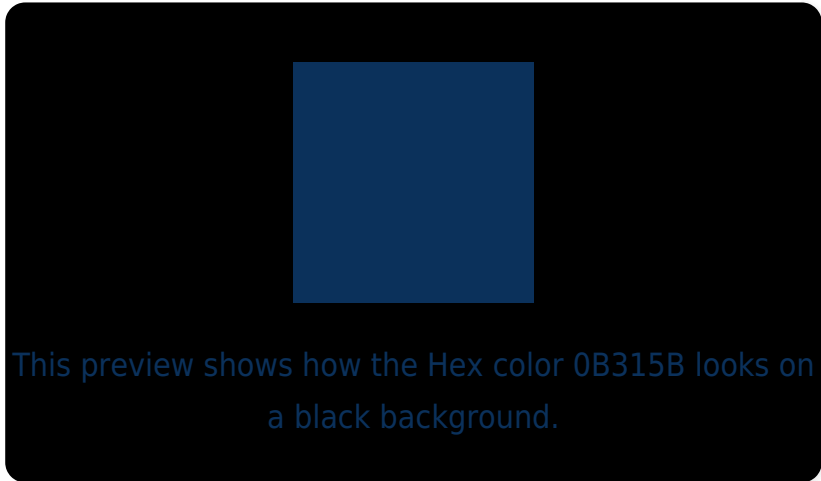
Large Text (above 18pt) WCAG AA ✓ Pass

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

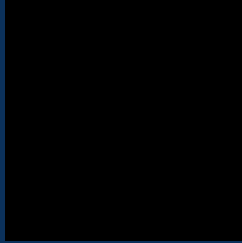
Any Text WCAG AA × Fail

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 0B315B Background



This preview shows how black text looks on a background with the Hex color 0B315B.



This preview shows how white text looks on a background with the Hex color 0B315B.

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
0B315B

Protanopia
1C3059

Deuteranopia
003258



Tritanopia
00363A

Trichromacy



Original Color
0B315B

Protanomaly
16305A

Deuteranomaly
043259

Tritanomaly
043446

Monochromacy



Original Color
0B315B

Achromatopsia
2A2A2A

Achromatomaly
1F2D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B315B 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 #0B315B looks like.

```
.text, #text, p{  
    color:#0B315B  
}
```

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 #0B315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B315B
}
```

Border

The CSS property to change the border of an element to Hex 0B315B 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
#0B315B }
```

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

```
.border{ border-color:#0B315B }
```

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

Here you see how a box with a 4 pixel #0B315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B315B; -webkit-box-shadow:4px 4px  
4px 4px #0B315B; box-shadow:4px 4px 4px  
4px #0B315B }
```

Background

The CSS property to change the background color of an element to Hex 0B315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B315B }
```

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

```
.background{ background-color:#0B315B }
```

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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