

Converting Colors

Hex(0B2A55)

Have a look what the booklet for
Hex(0B2A55) contains.

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Color

Hex(0B2A55)

Conversions

Conversions Part 1

Format	Color
Hex	0B2A55
RGB	11, 42, 85
RGB Percent	4%, 16%, 33%
CMY	0.9569, 0.8353, 0.6667
CMYK	0.87, 0.51, 0.00, 0.67
HSL	215°, 77%, 19%
HSV	215°, 87%, 33%
XYZ	2.6057, 2.3830, 8.9170
YIQ	37.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

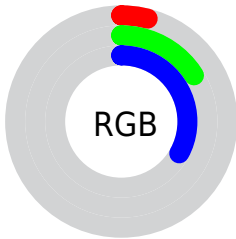
Format	Color
R_{YB}	11, 33, 85
Decimal	731733
CIE Lab	17.38, 6.88, -29.30
CIE LCh	17, 30.097, 283.217
Yxy	2.3830, 0.1874, 0.1714
Android (android.graphics.Color)	4278921813 (0xFF0B2A55)
YUV	37.6330, 23.3519, -23.3571
Hunter-Lab	15.4368, 3.1156, -23.4426

Details

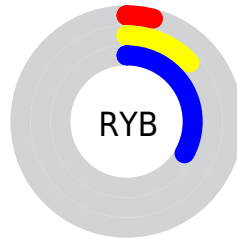
The Hex color **0B2A55** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55360B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **435787**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **032555**, and if you desaturate by 10%, it is **142F55**.

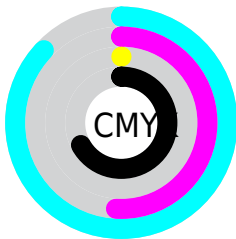
Distribution



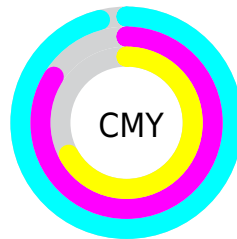
- Red (4%)
- Green (16%)
- Blue (33%)



- Red (4%)
- Yellow (13%)
- Blue (33%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2A55 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 0B2A55 by changing the saturation by 10% instead.

■ 0B2A55

■ 0B2A55

FFFFFF

■ 00163D

■ 435787

■ 000327

■ 5D6FA2

■ 000111

■ 7788BD

■ 000000

■ 92A3D9

■ AEBEF5

■ CAD9FF

■ E6F6FF

■ 0B2A55

■ 0B2A55

■ 032555

■ 142F55

■ 002455

■ 1C3455

■ 253955

■ 2D3E55

■ 354355

■ 3E4855

■ 474D55

■ 4F5255

■ 575655

Harmonies

Analogous

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



003154



0B2A55



38204A

Triad

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



0B2A55



4C1C0D



00341D

Complementary

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



0B2A55



55360B

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.



133106



0B2A55



3F2500

Square

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



0B2A55



511422



2D2D00



003534

Rectangle

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



0B2A55



461A3F



2D2D00



003316

Sweetspot

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



0B2A55



515D6E



0B5535



272E38



B8B8B8



383838

Same Dimension

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



0B2A55



002E6E



100B55



27292B



002D6B



0062EB

Inverse Universe

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



550B2A



6E002E



50550B



2B2729



6B002D



EB0062

Previews

White Background



This preview shows how the Hex color 0B2A55 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 0B2A55 Background



This preview shows how black text looks on a background with the Hex color 0B2A55.



This preview shows how white text looks on a background with the Hex color 0B2A55.

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
0B2A55

Protanopia
102A55

Deuteranopia
002C4D

Trichromacy



Original Color
0B2A55

Protanomaly
0E2A55

Deuteranomaly
042B50

Tritanomaly
042E3F

Monochromacy



Original Color
0B2A55

Achromatopsia
262626

Achromatomaly
1C2737

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2A55 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 #0B2A55 looks like.

```
.text, #text, p{  
    color:#0B2A55  
}
```

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 #0B2A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2A55
}
```

Border

The CSS property to change the border of an element to Hex 0B2A55 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
#0B2A55 }
```

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

```
.border{ border-color:#0B2A55 }
```

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

Here you see how a box with a 4 pixel #0B2A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2A55; -webkit-box-shadow:4px 4px  
4px 4px #0B2A55; box-shadow:4px 4px 4px  
4px #0B2A55 }
```

Background

The CSS property to change the background color of an element to Hex 0B2A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2A55 }
```

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

```
.background{ background-color:#0B2A55 }
```

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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