

Converting Colors

Hex(0B2C5A)

Have a look what the booklet for
Hex(0B2C5A) contains.

Hex(0B2C5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0B2C5A)

Conversions

Conversions Part 1

Format	Color
Hex	0B2C5A
RGB	11, 44, 90
RGB Percent	4%, 17%, 35%
CMY	0.9569, 0.8275, 0.6471
CMYK	0.88, 0.51, 0.00, 0.65
HSL	215°, 78%, 20%
HSV	215°, 88%, 35%
XYZ	2.8842, 2.6107, 10.0248
YIQ	39.3770, -34.4340, 7.3100

Conversions

Conversions Part 2

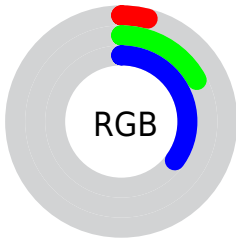
Format	Color
R_{YB}	11, 34, 90
Decimal	732250
CIE _{Lab}	18.41, 7.63, -30.98
CIE _{LCh}	18, 31.904, 283.830
Yxy	2.6107, 0.1858, 0.1682
Android (android.graphics.Color)	4278922330 (0xFF0B2C5A)
YUV	39.3770, 24.9571, -24.8866
Hunter-Lab	16.1577, 3.5865, -25.4752

Details

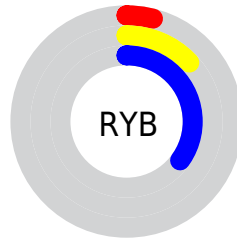
The Hex color **0B2C5A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A390B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **45598D**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **02275A**, and if you desaturate by 10%, it is **14315A**.

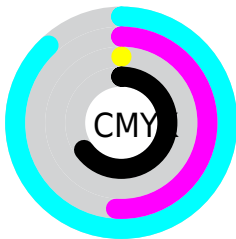
Distribution



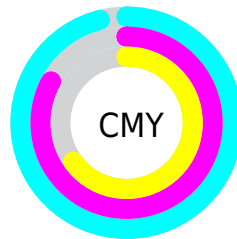
- Red (4%)
- Green (17%)
- Blue (35%)



- Red (4%)
- Yellow (13%)
- Blue (35%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (65%)



- Cyan (96%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B2C5A 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 0B2C5A by changing the saturation by 10% instead.

0B2C5A

0B2C5A

FFFFFF

001842

45598D

00032C

5F71A7

000116

798BC2

000000

94A5DF

B0C0FB

CCDCFF

E9F8FF

0B2C5A

0B2C5A

■ 02275A

■ 14315A

■ 00265A

■ 1D365A

■ 263C5A

■ 2F415A

■ 38465A

■ 414B5A

■ 4A515A

■ 53565A

■ 5C5B5A

Harmonies

Analogous

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



003359



0B2C5A



3B224E

Triad

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



0B2C5A



501D0D



00371F

Complementary

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



0B2C5A



5A390B

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.



133407



0B2C5A



422700

Square

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



0B2C5A



561523



2F2F00



003737

Rectangle

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



0B2C5A



4B1A42



2F2F00



003617

Sweetspot

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



0B2C5A



576475



0B5A38



28303B



BABABA



3B3B3B

Same Dimension

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



0B2C5A



003175



100B5A



292B2E



002E6E



0063ED

Inverse Universe

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



5A0B2C



750031



555A0B



2E292B



6E002E



ED0063

Previews

White Background



This preview shows how the Hex color 0B2C5A looks on a white background.

Color Contrast Check

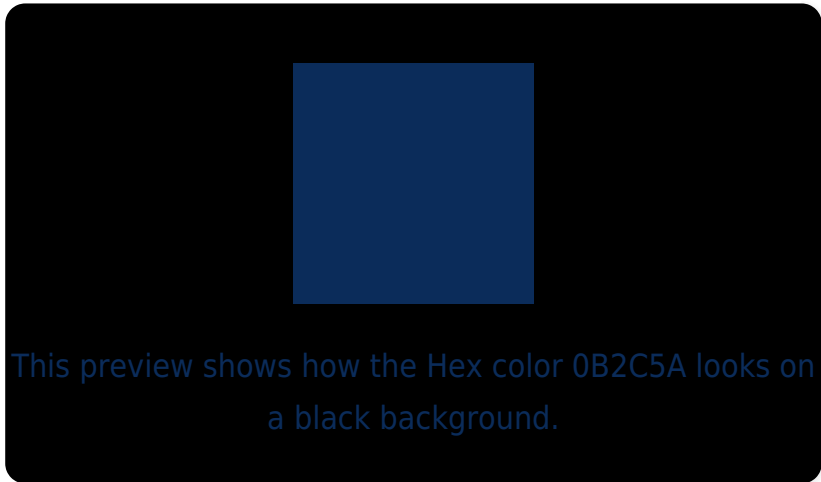
Large Text (above 18pt) WCAG AA ✓ Pass

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

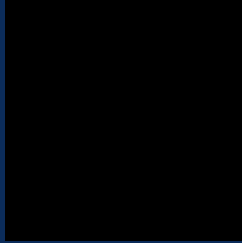
Any Text WCAG AA × Fail

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 0B2C5A Background



This preview shows how black text looks on a background with the Hex color 0B2C5A.



This preview shows how white text looks on a background with the Hex color 0B2C5A.

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
0B2C5A

Protanopia
102C5A

Deuteranopia
002E50

Trichromacy



Original Color
0B2C5A

Protanomaly
0E2C5A

Deuteranomaly
042D54

Tritanomaly
043043

Monochromacy



Original Color
0B2C5A

Achromatopsia
272727

Achromatomaly
1D293A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B2C5A 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 #0B2C5A looks like.

```
.text, #text, p{  
    color:#0B2C5A  
}
```

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 #0B2C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B2C5A
}
```

Border

The CSS property to change the border of an element to Hex 0B2C5A 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
#0B2C5A }
```

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

```
.border{ border-color:#0B2C5A }
```

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

Here you see how a box with a 4 pixel #0B2C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B2C5A; -webkit-box-shadow:4px 4px  
4px 4px #0B2C5A; box-shadow:4px 4px 4px  
4px #0B2C5A }
```

Background

The CSS property to change the background color of an element to Hex 0B2C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B2C5A }
```

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

```
.background{ background-color:#0B2C5A }
```

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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