

Converting Colors

Hex(0B365B)

Have a look what the booklet for
Hex(0B365B) contains.

Hex(0B365B)	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(0B365B)

Conversions

Conversions Part 1

Format	Color
Hex	0B365B
RGB	11, 54, 91
RGB Percent	4%, 21%, 36%
CMY	0.9569, 0.7882, 0.6431
CMYK	0.88, 0.41, 0.00, 0.64
HSL	208°, 78%, 20%
HSV	208°, 88%, 36%
XYZ	3.3455, 3.4648, 10.3900
YIQ	45.3610, -37.5050, 2.3910

Conversions

Conversions Part 2

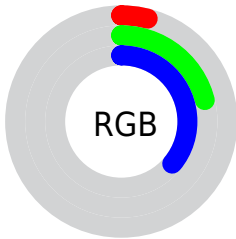
Format	Color
R_{YB}	11, 39, 91
Decimal	734811
CIE _{Lab}	21.82, 0.86, -26.19
CIE _{LCh}	22, 26.206, 271.877
Yxy	3.4648, 0.1945, 0.2014
Android (android.graphics.Color)	4278924891 (0xFF0B365B)
YUV	45.3610, 22.5000, -30.1346
Hunter-Lab	18.6140, -0.4926, -20.0647

Details

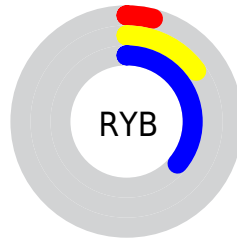
The Hex color **0B365B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B300B**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **45648D**, and **00092D** is the 20% darker color. If you saturate the color by 10%, you get **02325B**, and if you desaturate by 10%, it is **143A5B**.

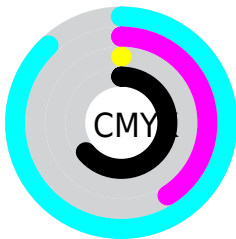
Distribution



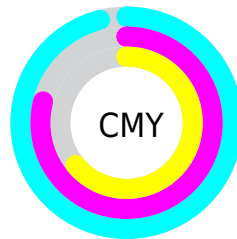
- Red (4%)
- Green (21%)
- Blue (36%)



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



- Cyan (88%)
- Magenta (41%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B365B 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 0B365B by changing the saturation by 10% instead.

0B365B

0B365B

FFFFFF

002143

45648D

00092D

5F7DA8

000118

7A97C3

000000

95B2DF

B0CDFC

CCE9FF

E9FFFF

0B365B

0B365B

■ 02325B

■ 143A5B

■ 00315B

■ 1D3E5B

■ 26435B

■ 2F475B

■ 394B5B

■ 424F5B

■ 4B535B

■ 54585B

■ 5D5C5B

Harmonies

Analogous

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



003B56



0B365B



372F55

Triad

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



0B365B



572521



0D3C21

Complementary

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



0B365B



5B300B

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.



2A3911



0B365B



4D2C12

Square

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



0B365B



572334



3E340A



003E35

Rectangle

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



0B365B



47294C



3E340A



193B1B

Sweetspot

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



0B365B



576775



0B5B2F



28323B



BABABA



3B3B3B

Same Dimension

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



0B365B



003F75



0B0F5B



292C2E



003B6E



007FED

Inverse Universe

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



5B0B36



75003F



5B570B



2E292C



6E003B



ED007F

Previews

White Background



This preview shows how the Hex color 0B365B looks on a white background.

Color Contrast Check

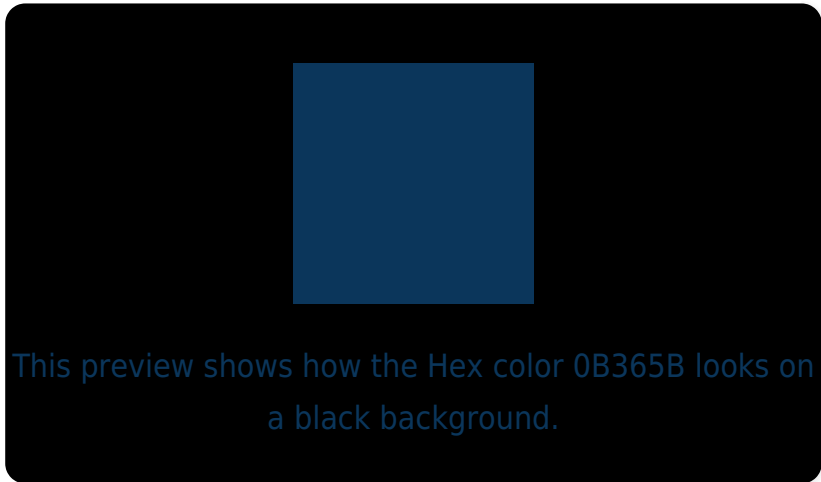
Large Text (above 18pt) WCAG AA ✓ Pass

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

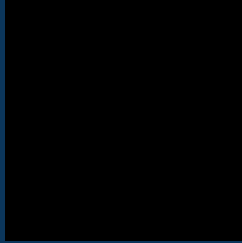
Any Text WCAG AA × Fail

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 0B365B Background



This preview shows how black text looks on a background with the Hex color 0B365B.



This preview shows how white text looks on a background with the Hex color 0B365B.

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
0B365B

Protanopia
253358

Deuteranopia
15355B



Tritanopia
003A3F

Trichromacy



Original Color
0B365B

Protanomaly
1C3459

Deuteranomaly
11355B

Tritanomaly
043949

Monochromacy



Original Color
0B365B

Achromatopsia
2D2D2D

Achromatomaly
21303E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B365B 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 #0B365B looks like.

```
.text, #text, p{  
    color:#0B365B  
}
```

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 #0B365B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B365B
}
```

Border

The CSS property to change the border of an element to Hex 0B365B 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
#0B365B }
```

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

```
.border{ border-color:#0B365B }
```

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

Here you see how a box with a 4 pixel #0B365B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B365B; -webkit-box-shadow:4px 4px  
4px 4px #0B365B; box-shadow:4px 4px 4px  
4px #0B365B }
```

Background

The CSS property to change the background color of an element to Hex 0B365B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B365B }
```

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

```
.background{ background-color:#0B365B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor