

Converting Colors

Hex(0B4A5B)

Have a look what the booklet for
Hex(0B4A5B) contains.

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Color

Hex(0B4A5B)

Conversions

Conversions Part 1

Format	Color
Hex	0B4A5B
RGB	11, 74, 91
RGB Percent	4%, 29%, 36%
CMY	0.9569, 0.7098, 0.6431
CMYK	0.88, 0.19, 0.00, 0.64
HSL	193°, 78%, 20%
HSV	193°, 88%, 36%
XYZ	4.4751, 5.7240, 10.7665
YIQ	57.1010, -43.0050, -8.0690

Conversions

Conversions Part 2

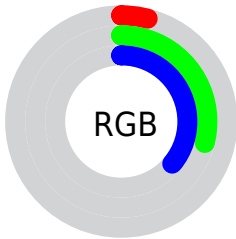
Format	Color
RYB	11, 46, 91
Decimal	739931
CIELab	28.71, -12.15, -15.41
CIELCh	29, 19.619, 231.745
Yxy	5.7240, 0.2134, 0.2730
Android (android.graphics.Color)	4278930011 (0xFF0B4A5B)
YUV	57.1010, 16.7122, -40.4306
Hunter-Lab	23.9250, -8.4806, -9.9337

Details

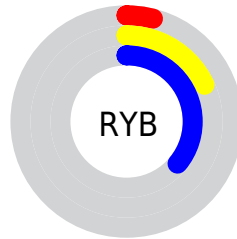
The Hex color **0B4A5B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5B1C0B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **467B8D**, and **001E2D** is the 20% darker color. If you saturate the color by 10%, you get **02485B**, and if you desaturate by 10%, it is **144C5B**.

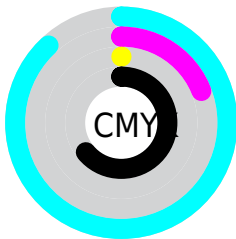
Distribution



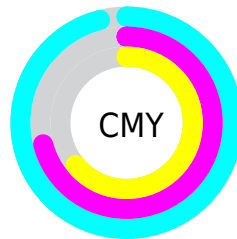
- Red (4%)
- Green (29%)
- Blue (36%)



- Red (4%)
- Yellow (18%)
- Blue (36%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4A5B 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 0B4A5B by changing the saturation by 10% instead.

0B4A5B

0B4A5B

FFFFFF

003343

467B8D

001E2D

6195A8

000119

7BAFC3

000000

96CBDF

B2E7FB

CEFFFF

EBFFFF

0B4A5B

0B4A5B

■ 02485B

■ 144C5B

■ 00485B

■ 1D4E5B

■ 26505B

■ 2F525B

■ 39545B

■ 42565B

■ 4B585B

■ 54595B

■ 5D5B5B

Harmonies

Analogous

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



074C4E



0B4A5B



264661

Triad

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



0B4A5B



5E3849



424627

Complementary

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



0B4A5B



5B1C0B

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.



514126



0B4A5B



613839

Square

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



0B4A5B



533C57



5C3C2C



314A30

Rectangle

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



0B4A5B



384361



5C3C2C



484526

Sweetspot

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



0B4A5B



576F75



0B5B1B



28373B



BABABA



3B3B3B

Same Dimension

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



0B4A5B



005C75



0B235B



292D2E



00566E



00BBED

Inverse Universe

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



5B0B4A



75005C



5B430B



2E292D



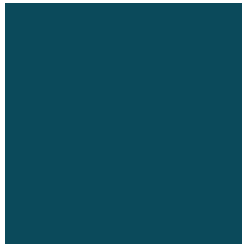
6E0056



ED00BB

Previews

White Background



This preview shows how the Hex color 0B4A5B looks on a white background.

Color Contrast Check

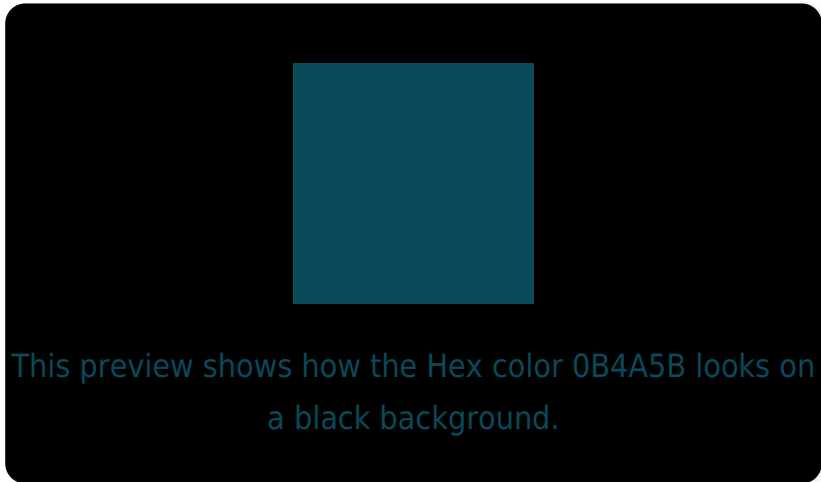
Large Text (above 18pt) WCAG AA ✓ Pass

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

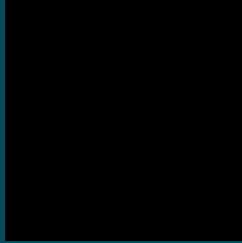
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

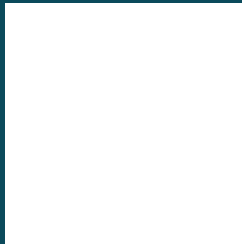
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B4A5B Background



This preview shows how black text looks on a background with the Hex color 0B4A5B.



This preview shows how white text looks on a background with the Hex color 0B4A5B.

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
0B4A5B

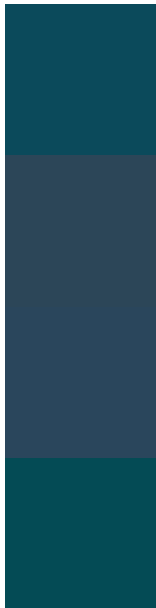
Protanopia
3F4356

Deuteranopia
3C435D



Tritanopia
004B51

Trichromacy



Original Color
0B4A5B

Protanomaly
2C4658

Deuteranomaly
2A465C

Tritanomaly
044B55

Monochromacy



Original Color
0B4A5B

Achromatopsia
393939

Achromatomaly
283F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4A5B 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 #0B4A5B looks like.

```
.text, #text, p{  
    color:#0B4A5B  
}
```

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 #0B4A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4A5B
}
```

Border

The CSS property to change the border of an element to Hex 0B4A5B 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
#0B4A5B }
```

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

```
.border{ border-color:#0B4A5B }
```

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

Here you see how a box with a 4 pixel #0B4A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4A5B; -webkit-box-shadow:4px 4px  
4px 4px #0B4A5B; box-shadow:4px 4px 4px  
4px #0B4A5B }
```

Background

The CSS property to change the background color of an element to Hex 0B4A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4A5B }
```

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

```
.background{ background-color:#0B4A5B }
```

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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