

Converting Colors

Hex(0B4A56)

Have a look what the booklet for
Hex(0B4A56) contains.

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Color

Hex(0B4A56)

Conversions

Conversions Part 1

Format	Color
Hex	0B4A56
RGB	11, 74, 86
RGB Percent	4%, 29%, 34%
CMY	0.9569, 0.7098, 0.6627
CMYK	0.87, 0.14, 0.00, 0.66
HSL	190°, 77%, 19%
HSV	190°, 87%, 34%
XYZ	4.2665, 5.6406, 9.6680
YIQ	56.5310, -41.4000, -9.6240

Conversions

Conversions Part 2

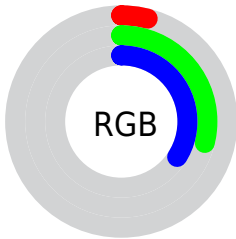
Format	Color
R_{YB}	11, 45, 86
Decimal	739926
CIE _{Lab}	28.49, -14.06, -12.52
CIE _{LCh}	28, 18.826, 221.699
Yxy	5.6406, 0.2180, 0.2882
Android (android.graphics.Color)	4278930006 (0xFF0B4A56)
YUV	56.5310, 14.5282, -39.9307
Hunter-Lab	23.7499, -9.4961, -7.5105

Details

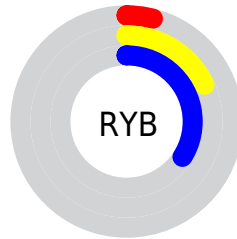
The Hex color **0B4A56** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **56170B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **457B88**, and **001E29** is the 20% darker color. If you saturate the color by 10%, you get **024956**, and if you desaturate by 10%, it is **144B56**.

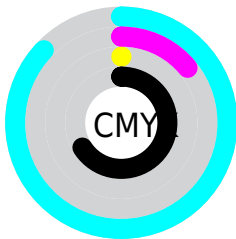
Distribution



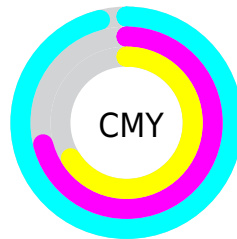
- Red (4%)
- Green (29%)
- Blue (34%)



- Red (4%)
- Yellow (18%)
- Blue (34%)



- Cyan (87%)
- Magenta (14%)
- Yellow (0%)
- Black (66%)



- Cyan (96%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4A56 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 0B4A56 by changing the saturation by 10% instead.

 0B4A56

 0B4A56


FFFFFF

 00333F

 457B88

 001E29

 6095A2

 000115

 7AAFBD

 000000

 95CBD9

 B1E7F5

 CDFFFF

 EAFFFF

 0B4A56

 0B4A56

■ 024956

■ 144B56

■ 004856

■ 1C4D56

■ 254E56

■ 2D5056

■ 365156

■ 3F5256

■ 475456

■ 505556

■ 585656

Harmonies

Analogous

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



124B49



0B4A56



1F475E

Triad

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



0B4A56



5A394D



474426

Complementary

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



0B4A56



56170B

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.



553F28



0B4A56



60383E

Square

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



0B4A56



4C3D59



5D3B31



37482D

Rectangle

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



0B4A56



304460



5D3B31



4C4326

Sweetspot

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



0B4A56



536C70



0B5616



273538



B8B8B8



383838

Same Dimension

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



0B4A56



005E70



0B2556



272B2B



005A6B



00C5EB

Inverse Universe

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



560B4A



70005E



563C0B



2B272B



6B005A



EB00C5

Previews

White Background



This preview shows how the Hex color 0B4A56 looks on a white background.

Color Contrast Check

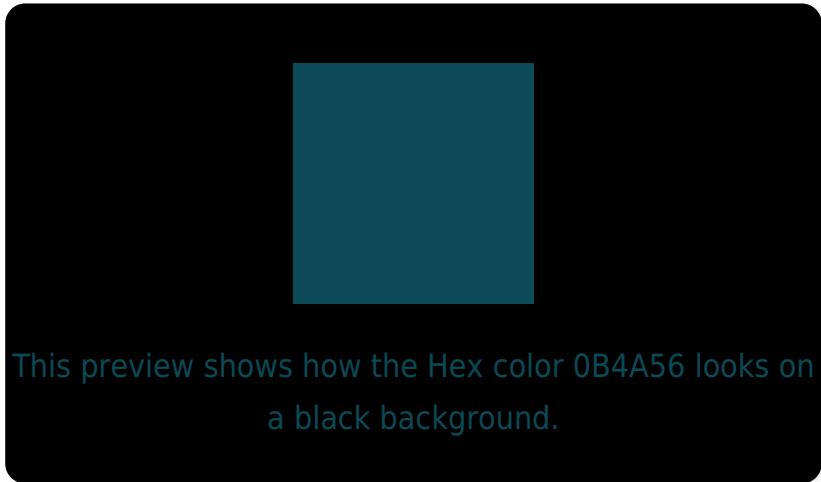
Large Text (above 18pt) WCAG AA ✓ Pass

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

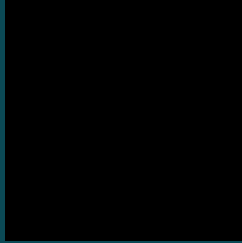
Any Text WCAG AA × Fail

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 0B4A56 Background



This preview shows how black text looks on a background with the Hex color 0B4A56.



This preview shows how white text looks on a background with the Hex color 0B4A56.

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
0B4A56

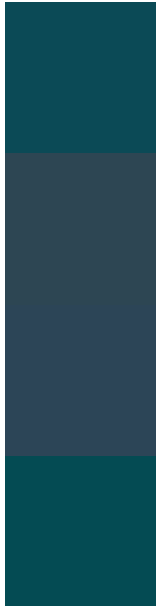
Protanopia
404351

Deuteranopia
3F4258



Tritanopia
004B51

Trichromacy



Original Color
0B4A56

Protanomaly
2D4653

Deuteranomaly
2C4557

Tritanomaly
044B53

Monochromacy



Original Color
0B4A56

Achromatopsia
393939

Achromatomaly
283F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4A56 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 #0B4A56 looks like.

```
.text, #text, p{  
    color:#0B4A56  
}
```

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 #0B4A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4A56
}
```

Border

The CSS property to change the border of an element to Hex 0B4A56 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
#0B4A56 }
```

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

```
.border{ border-color:#0B4A56 }
```

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

Here you see how a box with a 4 pixel #0B4A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4A56; -webkit-box-shadow:4px 4px  
4px 4px #0B4A56; box-shadow:4px 4px 4px  
4px #0B4A56 }
```

Background

The CSS property to change the background color of an element to Hex 0B4A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4A56 }
```

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

```
.background{ background-color:#0B4A56 }
```

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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