

# Converting Colors

Hex(0B4849)

Have a look what the booklet for  
Hex(0B4849) contains.

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# Color

**Hex(0B4849)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 0B4849                      |
| RGB         | 11, 72, 73                  |
| RGB Percent | 4%, 28%, 29%                |
| CMY         | 0.9569, 0.7176, 0.7137      |
| CMYK        | 0.85, 0.01, 0.00, 0.71      |
| HSL         | 181°, 74%, 16%              |
| HSV         | 181°, 85%, 29%              |
| XYZ         | 3.6580, 5.1869, 7.1117      |
| YIQ         | 53.8750, -36.6770, -12.6210 |

# Conversions

## Conversions Part 2

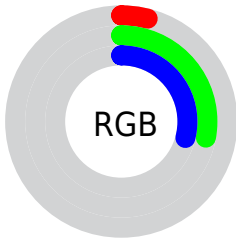
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 11, 42, 73                    |
| Decimal                             | 739401                        |
| CIE Lab                             | 27.26, -17.66, -5.96          |
| CIE LCh                             | 27, 18.634, 198.643           |
| Yxy                                 | 5.1869, 0.2292,<br>0.3251     |
| Android<br>(android.graphics.Color) | 4278929481<br>(0xFF0B4849)    |
| YUV                                 | 53.8750, 9.4286,<br>-37.6014  |
| Hunter-Lab                          | 22.7748, -11.1861,<br>-2.5717 |

# Details

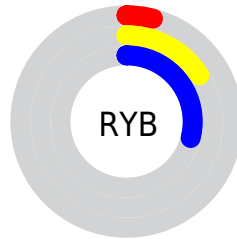
The Hex color **0B4849** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **490C0B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **437979**, and **001D1D** is the 20% darker color. If you saturate the color by 10%, you get **044849**, and if you desaturate by 10%, it is **124849**.

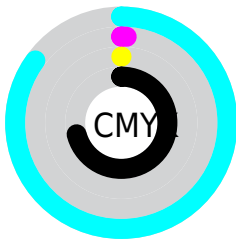
# Distribution



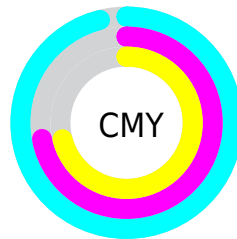
- Red (4%)
- Green (28%)
- Blue (29%)



- Red (4%)
- Yellow (16%)
- Blue (29%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (72%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B4849 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 0B4849 by changing the saturation by 10% instead.





0B4849



0B4849

FFFFFF



003133



437979



001D1D



5D9393



000003



77ADAE



000000



92C9C9



ADE5E5



C9FFFF



E5FFFF



0B4849



0B4849

■ 044849

■ 124849

■ 004849

■ 1A4849

■ 214849

■ 284849

■ 2F4949

■ 374949

■ 3E4949

■ 454949

■ 4D4949

# Harmonies

## Analogous

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



1E483A



0B4849



0B4755

# Triad

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



0B4849



4D3A53



4F3E24

# Complementary

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



0B4849



490C0B

# 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.



58392C



0B4849



593646

# Square

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



0B4849



3A3F5B



5C3638



414225

# Rectangle

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



0B4849



1A455B



5C3638



523C26



# Sweetspot

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



0B4849



475E5E



0B490B



223030



B0B0B0



303030



# Same Dimension

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



0B4849



005D5E



0B2A49



202424



006263



00DFE3



# Inverse Universe

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



490B48



5E005D



492A0B



242024



630062

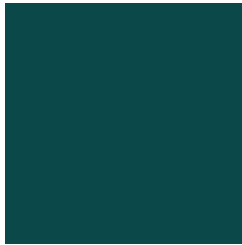


E300DF



# Previews

## White Background



This preview shows how the Hex color 0B4849 looks on a white background.

## Color Contrast Check

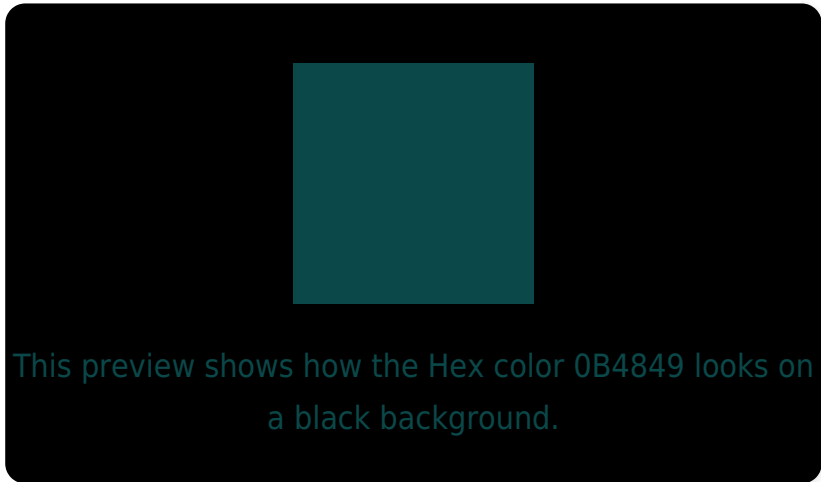
Large Text (above 18pt) WCAG AA ✓ Pass

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

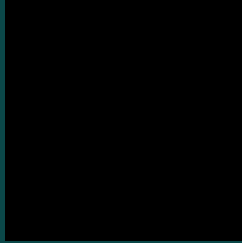
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B4849 Background



This preview shows how black text looks on a background with the Hex color 0B4849.



This preview shows how white text looks on a background with the Hex color 0B4849.

# 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](#).

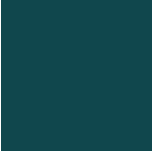
## Dichromacy



**Original Color**  
0B4849

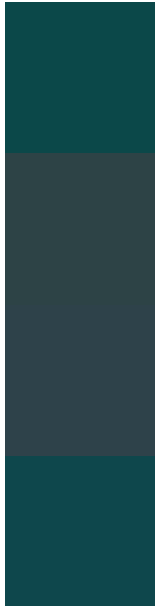
**Protanopia**  
414044

**Deuteranopia**  
423F4B



**Tritanopia**  
10474D

# Trichromacy



**Original Color**  
0B4849

**Protanomaly**  
2D4346

**Deuteranomaly**  
2E424A

**Tritanomaly**  
0E474C

# Monochromacy



**Original Color**  
0B4849

**Achromatopsia**  
363636

**Achromatomaly**  
263D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B4849 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 #0B4849 looks like.

```
.text, #text, p{  
    color:#0B4849  
}
```

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 #0B4849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4849
}
```

## Border

The CSS property to change the border of an element to Hex 0B4849 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
#0B4849 }
```

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

```
.border{ border-color:#0B4849 }
```

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

Here you see how a box with a 4 pixel #0B4849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4849; -webkit-box-shadow:4px 4px  
4px 4px #0B4849; box-shadow:4px 4px 4px  
4px #0B4849 }
```

# Background

The CSS property to change the background color of an element to Hex 0B4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4849 }
```

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

```
.background{ background-color:#0B4849 }
```

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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