

Converting Colors

Hex(0B4248)

Have a look what the booklet for
Hex(0B4248) contains.

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Color

Hex(0B4248)

Conversions

Conversions Part 1

Format	Color
Hex	0B4248
RGB	11, 66, 72
RGB Percent	4%, 26%, 28%
CMY	0.9569, 0.7412, 0.7176
CMYK	0.85, 0.08, 0.00, 0.72
HSL	186°, 73%, 16%
HSV	186°, 85%, 28%
XYZ	3.2559, 4.4355, 6.8154
YIQ	50.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

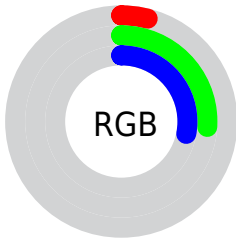
Format	Color
R_{YB}	11, 40, 72
Decimal	737864
CIE Lab	25.06, -14.60, -8.61
CIE LCh	25, 16.955, 210.532
Yxy	4.4355, 0.2244, 0.3058
Android (android.graphics.Color)	4278927944 (0xFF0B4248)
YUV	50.2390, 10.7282, -34.4126
Hunter-Lab	21.0605, -9.2601, -4.4445

Details

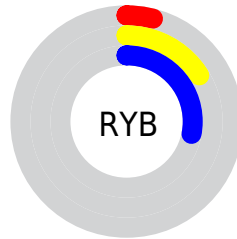
The Hex color **0B4248** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48110B**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **427278**, and **00181D** is the 20% darker color. If you saturate the color by 10%, you get **044148**, and if you desaturate by 10%, it is **124348**.

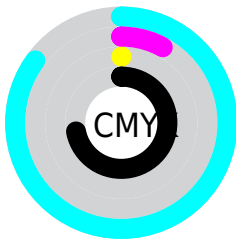
Distribution



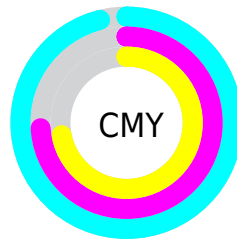
- Red (4%)
- Green (26%)
- Blue (28%)



- Red (4%)
- Yellow (16%)
- Blue (28%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (96%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B4248 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 0B4248 by changing the saturation by 10% instead.

0B4248

0B4248

FFFFFF

002C32

427278

00181D

5B8C92

000000

75A6AD

90C1C8

ABDDE4

C7FAFF

E3FFFF

0B4248

0B4248

■ 044148

■ 124348

■ 004148

■ 194348

■ 214448

■ 284548

■ 2F4648

■ 364648

■ 3D4748

■ 454848

■ 4C4848

Harmonies

Analogous

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



17423B



0B4248



154051

Triad

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



0B4248



4C3448



443B22

Complementary

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



0B4248



48110B

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.



4E3626



0B4248



54323C

Square

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



0B4248



3D3851



54332F



363F25

Rectangle

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



0B4248



233E54



54332F



483922

Sweetspot

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



0B4248



475C5E



0B4810



222F30



B0B0B0



303030

Same Dimension

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



0B4248



00555E



0B2448



202324



005A63



00CDE3

Inverse Universe

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



480B42



5E0055



482F0B



242023



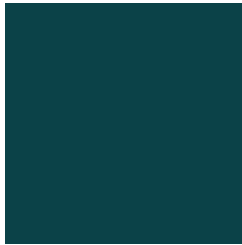
63005A



E300CD

Previews

White Background



This preview shows how the Hex color 0B4248 looks on a white background.

Color Contrast Check

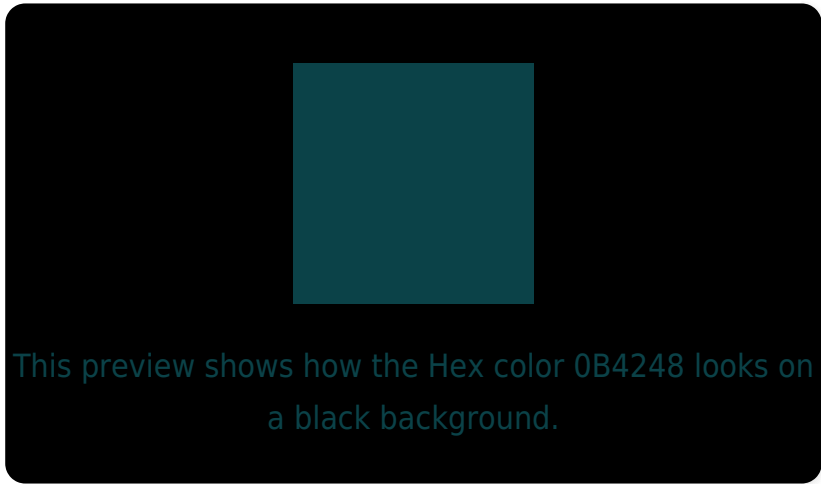
Large Text (above 18pt) WCAG AA ✓ Pass

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

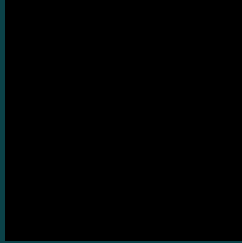
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

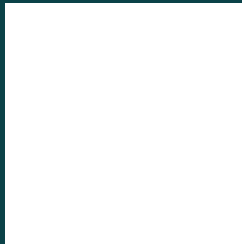
Any Text WCAG AAA × Fail

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

Hex 0B4248 Background



This preview shows how black text looks on a background with the Hex color 0B4248.



This preview shows how white text looks on a background with the Hex color 0B4248.

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
0B4248

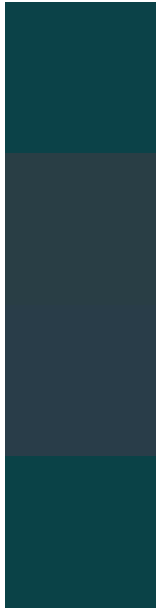
Protanopia
3A3B43

Deuteranopia
3A3A4A



Tritanopia
0A4247

Trichromacy



Original Color
0B4248

Protanomaly
293E45

Deuteranomaly
293D49

Tritanomaly
0A4247

Monochromacy



Original Color
0B4248

Achromatopsia
323232

Achromatomaly
24383A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B4248 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 #0B4248 looks like.

```
.text, #text, p{  
    color:#0B4248  
}
```

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 #0B4248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B4248
}
```

Border

The CSS property to change the border of an element to Hex 0B4248 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
#0B4248 }
```

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

```
.border{ border-color:#0B4248 }
```

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

Here you see how a box with a 4 pixel #0B4248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B4248; -webkit-box-shadow:4px 4px  
4px 4px #0B4248; box-shadow:4px 4px 4px  
4px #0B4248 }
```

Background

The CSS property to change the background color of an element to Hex 0B4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B4248 }
```

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

```
.background{ background-color:#0B4248 }
```

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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