

Converting Colors

Hex(0B474E)

Have a look what the booklet for
Hex(0B474E) contains.

Hex(0B474E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(0B474E)

Conversions

Conversions Part 1

Format	Color
Hex	0B474E
RGB	11, 71, 78
RGB Percent	4%, 28%, 31%
CMY	0.9569, 0.7216, 0.6941
CMYK	0.86, 0.09, 0.00, 0.69
HSL	186°, 75%, 17%
HSV	186°, 86%, 31%
XYZ	3.7664, 5.1277, 7.9990
YIQ	53.8580, -38.0070, -10.5430

Conversions

Conversions Part 2

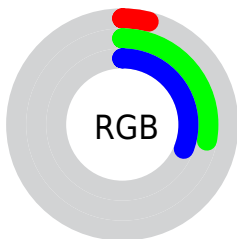
Format	Color
R_{YB}	11, 43, 78
Decimal	739150
CIE Lab	27.10, -15.29, -9.46
CIE LCh	27, 17.982, 211.744
Yxy	5.1277, 0.2230, 0.3035
Android (android.graphics.Color)	4278929230 (0xFF0B474E)
YUV	53.8580, 11.9020, -37.5865
Hunter-Lab	22.6444, -9.9381, -5.0927

Details

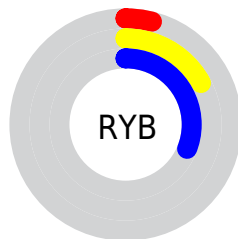
The Hex color **0B474E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4E120B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **44787F**, and **001C22** is the 20% darker color. If you saturate the color by 10%, you get **03464E**, and if you desaturate by 10%, it is **13484E**.

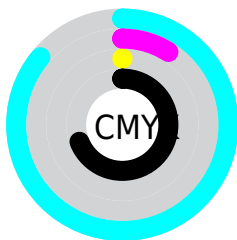
Distribution



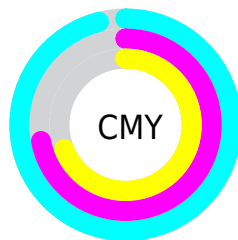
- Red (4%)
- Green (28%)
- Blue (31%)



- Red (4%)
- Yellow (17%)
- Blue (31%)



- Cyan (86%)
- Magenta (9%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B474E 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 0B474E by changing the saturation by 10% instead.

0B474E

0B474E

FFFFFF

003037

44787F

001C22

5D9199

00000B

78ACB4

000000

92C7CF

AEE3EB

CAFFFF

E6FFFF

0B474E

0B474E

■ 03464E

■ 13484E

■ 00464E

■ 1B494E

■ 22494E

■ 2A4A4E

■ 324B4E

■ 3A4C4E

■ 424D4E

■ 494E4E

■ 514E4E

Harmonies

Analogous

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



184740



0B474E



174558

Triad

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



0B474E



52384D



483F24

Complementary

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



0B474E



4E120B

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.



543B28



0B474E



5A3540

Square

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



0B474E



433C57



5A3732



3A4428

Rectangle

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



0B474E



26435B



5A3732



4D3E25

Sweetspot

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



0B474E



4B6366



0B4E12



233133



B3B3B3



333333

Same Dimension

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



0B474E



005B66



0B264E



222626



00CEE6

Inverse Universe

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



4E0B47



66005B



4E330B



262226



E600CE

Previews

White Background



This preview shows how the Hex color 0B474E looks on a white background.

Color Contrast Check

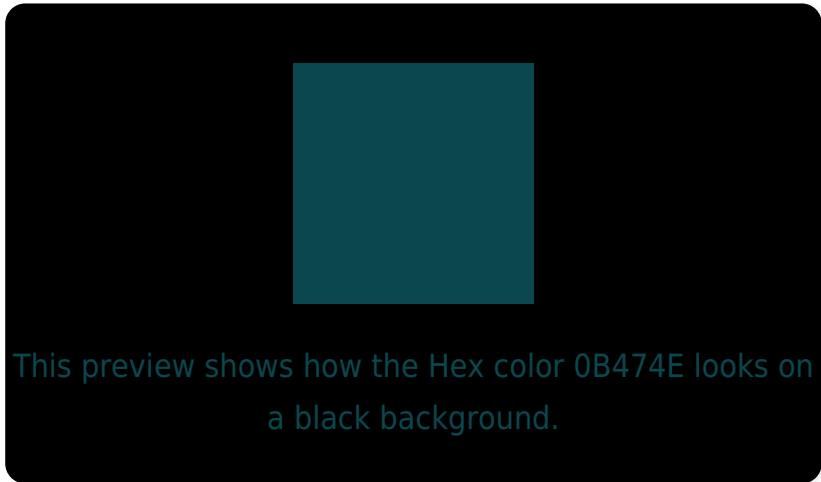
Large Text (above 18pt) WCAG AA ✓ Pass

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

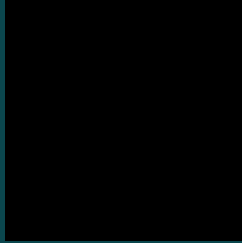
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

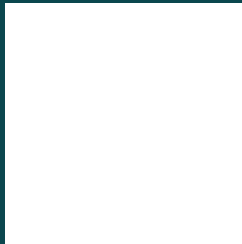
Any Text WCAG AAA × Fail

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

Hex 0B474E Background



This preview shows how black text looks on a background with the Hex color 0B474E.

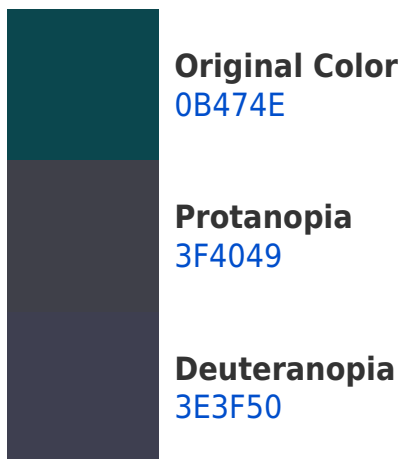



This preview shows how white text looks on a background with the Hex color 0B474E.

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](#).

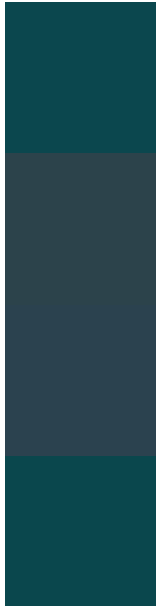
Dichromacy





Tritanopia
09474D

Trichromacy



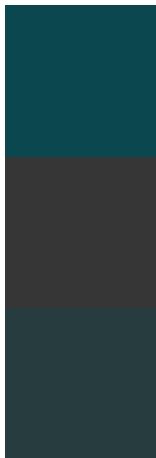
Original Color
0B474E

Protanomaly
2C434B

Deuteranomaly
2B424F

Tritanomaly
0A474D

Monochromacy



Original Color
0B474E

Achromatopsia
363636

Achromatomaly
263C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B474E 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 #0B474E looks like.

```
.text, #text, p{  
    color:#0B474E  
}
```

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 #0B474E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B474E
}
```

Border

The CSS property to change the border of an element to Hex 0B474E 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
#0B474E }
```

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

```
.border{ border-color:#0B474E }
```

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

Here you see how a box with a 4 pixel #0B474E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B474E; -webkit-box-shadow:4px 4px  
4px 4px #0B474E; box-shadow:4px 4px 4px  
4px #0B474E }
```

Background

The CSS property to change the background color of an element to Hex 0B474E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B474E }
```

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

```
.background{ background-color:#0B474E }
```

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