

Converting Colors

Hex(10474C)

Have a look what the booklet for
Hex(10474C) contains.

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Color

Hex(10474C)

Conversions

Conversions Part 1

Format	Color
Hex	10474C
RGB	16, 71, 76
RGB Percent	6%, 28%, 30%
CMY	0.9373, 0.7216, 0.7020
CMYK	0.79, 0.07, 0.00, 0.70
HSL	185°, 65%, 18%
HSV	185°, 79%, 30%
XYZ	3.7714, 5.1384, 7.6305
YIQ	55.1250, -34.3850, -10.1050

Conversions

Conversions Part 2

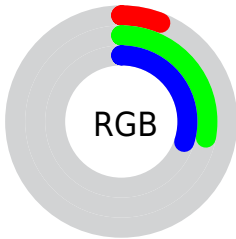
Format	Color
RYB	16, 45, 76
Decimal	1066828
CIELab	27.13, -15.35, -8.10
CIELCh	27, 17.354, 207.833
Yxy	5.1384, 0.2280, 0.3107
Android (android.graphics.Color)	4279256908 (0xFF10474C)
YUV	55.1250, 10.2914, -34.3126
Hunter-Lab	22.6681, -9.9711, -4.0904

Details

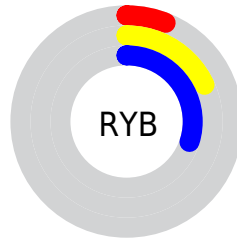
The Hex color **10474C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C1510**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **46787D**, and **001C20** is the 20% darker color. If you saturate the color by 10%, you get **08464C**, and if you desaturate by 10%, it is **18484C**.

Distribution



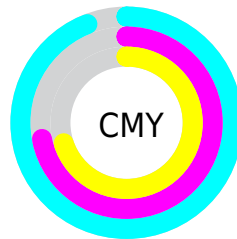
- Red (6%)
- Green (28%)
- Blue (30%)



- Red (6%)
- Yellow (18%)
- Blue (30%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (70%)



- Cyan (94%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10474C 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 10474C by changing the saturation by 10% instead.

■ 10474C

■ 10474C

FFFFFF

■ 003035

■ 46787D

■ 001C20

■ 5F9197

■ 000008

■ 79ACB1

■ 000000

■ 94C7CD

■ B0E3E9

■ CCFFFF

■ E8FFFF

■ 10474C

■ 10474C

■ 08464C

■ 18484C

■ 01464C

■ 1F484C

■ 00464C

■ 27494C

■ 2E4A4C

■ 364A4C

■ 3E4B4C

■ 454B4C

■ 4D4C4C

■ 544D4C

Harmonies

Analogous

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



1C473F



10474C



184556

Triad

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



10474C



50394E



4A3F25

Complementary

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



10474C



4C1510

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.



543A2A



10474C



593642

Square

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



10474C



403D57



5A3734



3C4328

Rectangle

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



10474C



25435A



5A3734



4E3D26

Sweetspot

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



10474C



4C6163



104C15



243233



B3B3B3



333333

Same Dimension

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



10474C



055C63



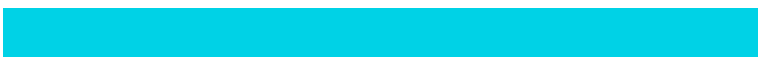
102A4C



222626



005E66



00D2E6

Inverse Universe

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



4C1047



63055C



4C3310



262226



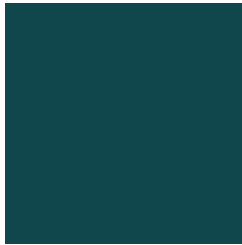
66005E



E600D2

Previews

White Background



This preview shows how the Hex color 10474C looks on a white background.

Color Contrast Check

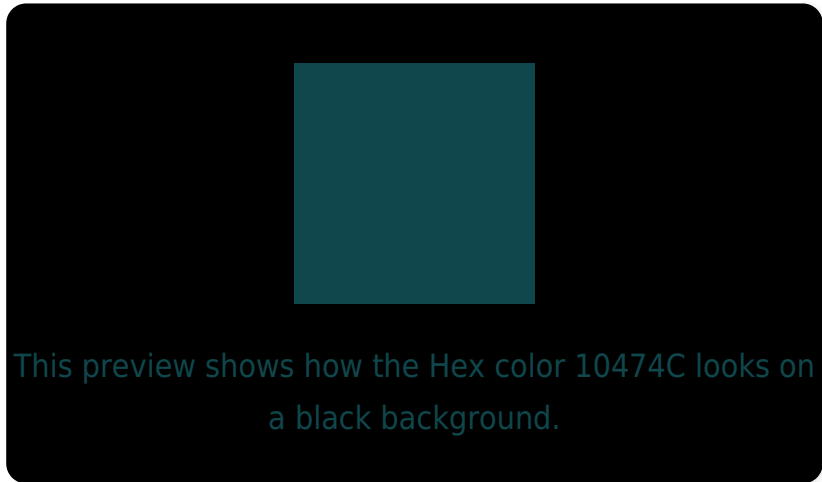
Large Text (above 18pt) WCAG AA ✓ Pass

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

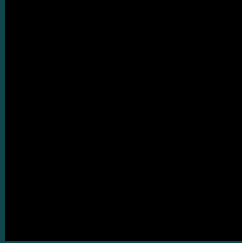
Any Text WCAG AA × Fail

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 10474C Background



This preview shows how black text looks on a background with the Hex color 10474C.



This preview shows how white text looks on a background with the Hex color 10474C.

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
10474C

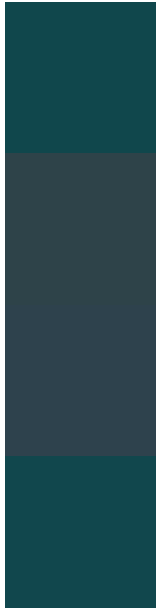
Protanopia
3F4047

Deuteranopia
3F3F4E



Tritanopia
11474D

Trichromacy



Original Color
10474C

Protanomaly
2E4349

Deuteranomaly
2E424D

Tritanomaly
11474D

Monochromacy



Original Color
10474C

Achromatopsia
373737

Achromatomaly
293D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 10474C 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 #10474C looks like.

```
.text, #text, p{  
    color:#10474C  
}
```

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 #10474C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10474C
}
```

Border

The CSS property to change the border of an element to Hex 10474C 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".

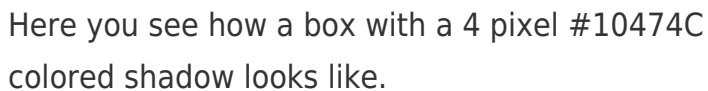
```
.border, #border, table{ border:4px solid
#10474C }
```

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

```
.border{ border-color:#10474C }
```

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

Here you see how a box with a 4 pixel #10474C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10474C; -webkit-box-shadow:4px 4px  
4px 4px #10474C; box-shadow:4px 4px 4px  
4px #10474C }
```

Background

The CSS property to change the background color of an element to Hex 10474C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10474C }
```

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

```
.background{ background-color:#10474C }
```

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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