

Converting Colors

Hex(0C484C)

Have a look what the booklet for
Hex(0C484C) contains.

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Color

Hex(0C484C)

Conversions

Conversions Part 1

Format	Color
Hex	0C484C
RGB	12, 72, 76
RGB Percent	5%, 28%, 30%
CMY	0.9529, 0.7176, 0.7020
CMYK	0.84, 0.05, 0.00, 0.70
HSL	184°, 73%, 17%
HSV	184°, 84%, 30%
XYZ	3.7735, 5.2347, 7.6490
YIQ	54.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

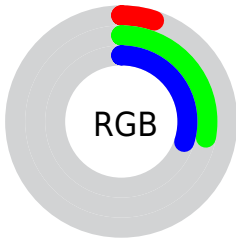
Format	Color
RYB	12, 43, 76
Decimal	804940
CIELab	27.39, -16.47, -7.71
CIELCh	27, 18.183, 205.080
Yxy	5.2347, 0.2265, 0.3143
Android (android.graphics.Color)	4278995020 (0xFF0C484C)
YUV	54.5160, 10.5916, -37.2865
Hunter-Lab	22.8795, -10.5992, -3.8060

Details

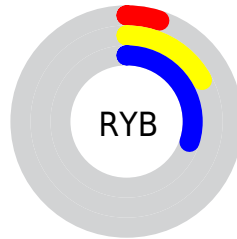
The Hex color **0C484C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C100C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **44797D**, and **001D20** is the 20% darker color. If you saturate the color by 10%, you get **04484C**, and if you desaturate by 10%, it is **14484C**.

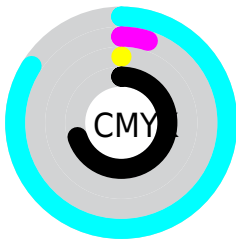
Distribution



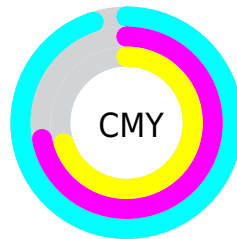
- Red (5%)
- Green (28%)
- Blue (30%)



- Red (5%)
- Yellow (17%)
- Blue (30%)



- Cyan (84%)
- Magenta (5%)
- Yellow (0%)
- Black (70%)



- Cyan (95%)
- Magenta (72%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C484C 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 0C484C by changing the saturation by 10% instead.



0C484C



0C484C

FFFFFF



003135



44797D



001D20



5E9397



000008



78ADB1



000000



93C9CD



AEE5E9



CAFFFF



E7FFFF



0C484C



0C484C

■ 04484C

■ 14484C

■ 00474C

■ 1B494C

■ 23494C

■ 2A4A4C

■ 324A4C

■ 3A4B4C

■ 414B4C

■ 494C4C

■ 504C4C

Harmonies

Analogous

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



1C483E



0C484C



134657

Triad

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



0C484C



503951



4C3F25

Complementary

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



0C484C



4C100C

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.



573A2A



0C484C



5A3644

Square

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



0C484C



3F3E5A



5C3736



3E4327

Rectangle

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



0C484C



21445B



5C3736



503D26

Sweetspot

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



0C484C



4B6263



0C4C0F



243233



B3B3B3



333333

Same Dimension

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



0C484C



005D63



0C294C



222626



006066



00D7E6

Inverse Universe

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



4C0C48



63005D



4C2F0C



262226



660060



E600D7

Previews

White Background



This preview shows how the Hex color 0C484C looks on a white background.

Color Contrast Check

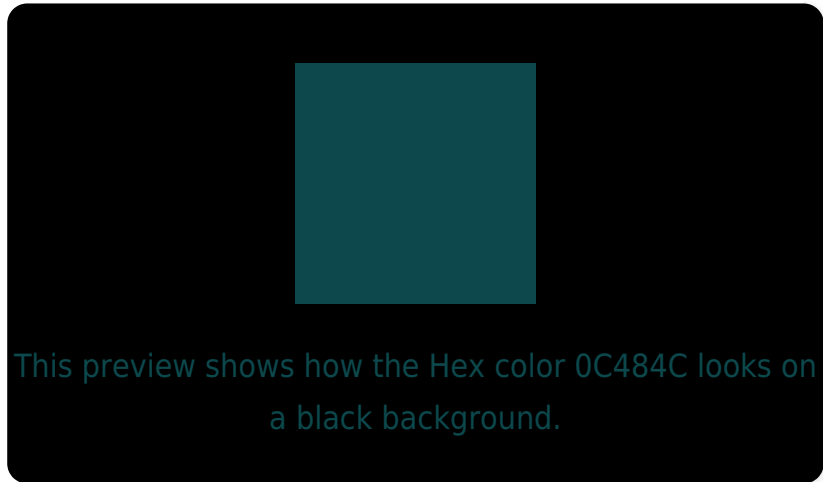
Large Text (above 18pt) WCAG AA ✓ Pass

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

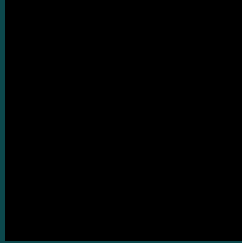
Any Text WCAG AA × Fail

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 0C484C Background



This preview shows how black text looks on a background with the Hex color 0C484C.

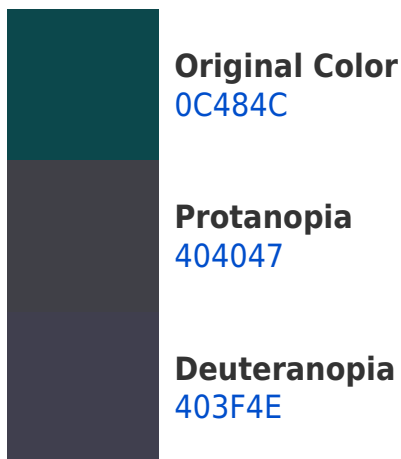


This preview shows how white text looks on a background with the Hex color 0C484C.

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](#).

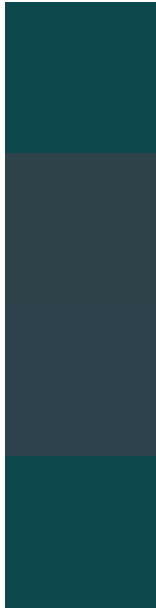
Dichromacy





Tritanopia
0E484E

Trichromacy



Original Color
0C484C

Protanomaly
2D4349

Deuteranomaly
2D424D

Tritanomaly
0D484D

Monochromacy



Original Color
0C484C

Achromatopsia
373737

Achromatomaly
273D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C484C 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 #0C484C looks like.

```
.text, #text, p{  
    color:#0C484C  
}
```

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 #0C484C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C484C  
}
```

Border

The CSS property to change the border of an element to Hex 0C484C 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  
#0C484C }
```

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

```
.border{ border-color:#0C484C }
```

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

Here you see how a box with a 4 pixel #0C484C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C484C; -webkit-box-shadow:4px 4px  
4px 4px #0C484C; box-shadow:4px 4px 4px  
4px #0C484C }
```

Background

The CSS property to change the background color of an element to Hex 0C484C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C484C }
```

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

```
.background{ background-color:#0C484C }
```

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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