

Converting Colors

Hex(0C465A)

Have a look what the booklet for
Hex(0C465A) contains.

Hex(0C465A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C465A)

Conversions

Conversions Part 1

Format	Color
Hex	0C465A
RGB	12, 70, 90
RGB Percent	5%, 27%, 35%
CMY	0.9529, 0.7255, 0.6471
CMYK	0.87, 0.22, 0.00, 0.65
HSL	195°, 76%, 20%
HSV	195°, 87%, 35%
XYZ	4.1872, 5.1967, 10.4552
YIQ	54.9380, -40.9880, -6.0760

Conversions

Conversions Part 2

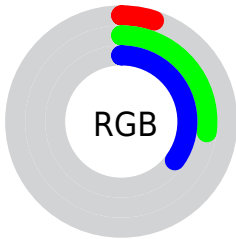
Format	Color
R_{YB}	12, 45, 90
Decimal	804442
CIE _{Lab}	27.29, -10.00, -16.95
CIE _{LCh}	27, 19.678, 239.472
Yxy	5.1967, 0.2111, 0.2619
Android (android.graphics.Color)	4278994522 (0xFF0C465A)
YUV	54.9380, 17.2856, -37.6566
Hunter-Lab	22.7962, -7.1062, -11.2354

Details

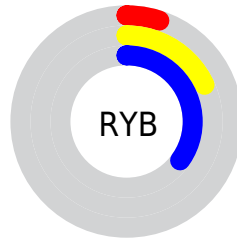
The Hex color **0C465A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5A200C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **46768C**, and **001B2C** is the 20% darker color. If you saturate the color by 10%, you get **03445A**, and if you desaturate by 10%, it is **15485A**.

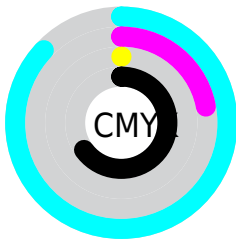
Distribution



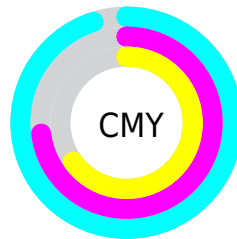
- Red (5%)
- Green (27%)
- Blue (35%)



- Red (5%)
- Yellow (18%)
- Blue (35%)



- Cyan (87%)
- Magenta (22%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C465A 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 0C465A by changing the saturation by 10% instead.



0C465A



0C465A

FFFFFF



003042



46768C



001B2C



6090A7



000118



7BAAC2



000000



96C6DE



B2E2FA



CEFEFF



EBFFFF



0C465A



0C465A

■ 03445A

■ 15485A

■ 00435A

■ 1E4B5A

■ 274D5A

■ 304F5A

■ 39525A

■ 42545A

■ 4B565A

■ 54585A

■ 5D5B5A

Harmonies

Analogous

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



00484F



0C465A



2A425E

Triad

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



0C465A



5C3541



3B4426

Complementary

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



0C465A



5A200C

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.



4A3F22



0C465A



5D3632

Square

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



0C465A



533750



573A27



294731

Rectangle

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



0C465A



3A3F5D



573A27



404324

Sweetspot

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



0C465A



576D75



0C5A20



28363B



BABABA



3B3B3B

Same Dimension

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



0C465A



005775



0C205A



292D2E



00526E



00B0ED

Inverse Universe

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



5A0C46



750057



5A470C



2E292D



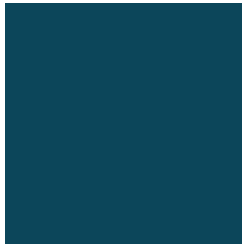
6E0052



ED00B0

Previews

White Background



This preview shows how the Hex color 0C465A looks on a white background.

Color Contrast Check

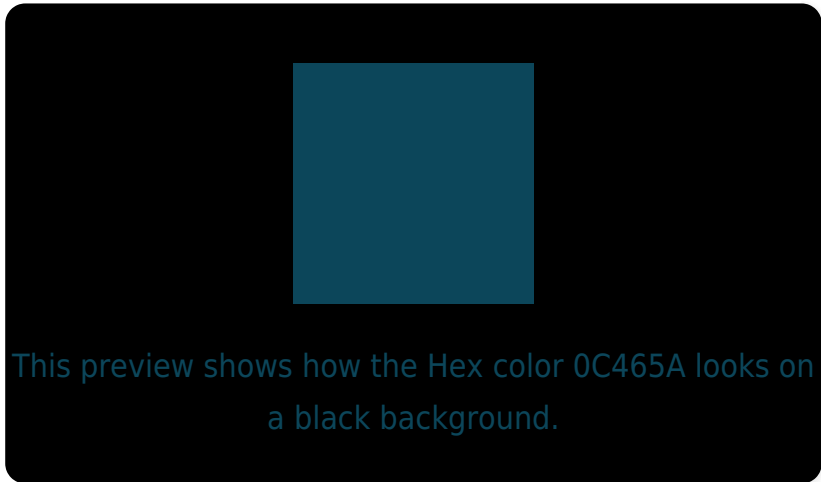
Large Text (above 18pt) WCAG AA ✓ Pass

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

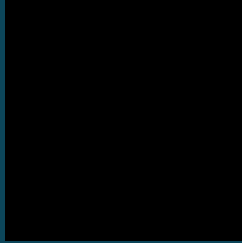
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

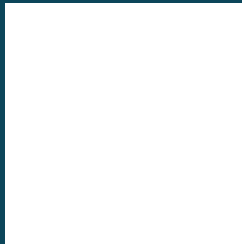
Any Text WCAG AAA × Fail

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

Hex 0C465A Background



This preview shows how black text looks on a background with the Hex color 0C465A.

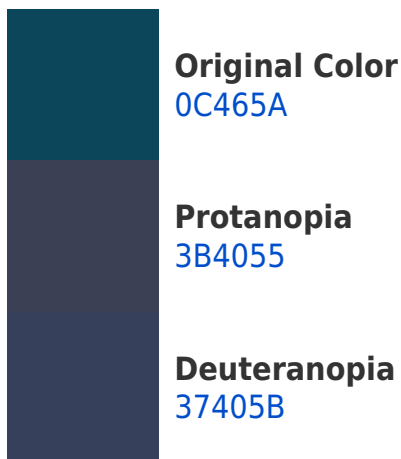


This preview shows how white text looks on a background with the Hex color 0C465A.

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](#).

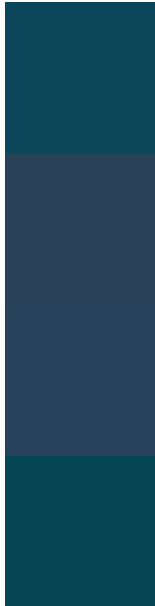
Dichromacy





Tritanopia
00484D

Trichromacy



Original Color
0C465A

Protanomaly
2A4257

Deuteranomaly
27425B

Tritanomaly
044752

Monochromacy



Original Color
0C465A

Achromatopsia
373737

Achromatomaly
273C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C465A 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 #0C465A looks like.

```
.text, #text, p{  
    color:#0C465A  
}
```

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 #0C465A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C465A
}
```

Border

The CSS property to change the border of an element to Hex 0C465A 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
#0C465A }
```

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

```
.border{ border-color:#0C465A }
```

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

Here you see how a box with a 4 pixel #0C465A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C465A; -webkit-box-shadow:4px 4px  
4px 4px #0C465A; box-shadow:4px 4px 4px  
4px #0C465A }
```

Background

The CSS property to change the background color of an element to Hex 0C465A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C465A }
```

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

```
.background{ background-color:#0C465A }
```

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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