

Converting Colors

Hex(0C4E62)

Have a look what the booklet for
Hex(0C4E62) contains.

Hex(0C4E62)	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(0C4E62)

Conversions

Conversions Part 1

Format	Color
Hex	0C4E62
RGB	12, 78, 98
RGB Percent	5%, 31%, 38%
CMY	0.9529, 0.6941, 0.6157
CMYK	0.88, 0.20, 0.00, 0.62
HSL	194°, 78%, 22%
HSV	194°, 88%, 38%
XYZ	5.0806, 6.4088, 12.5245
YIQ	60.5460, -45.7560, -7.7720

Conversions

Conversions Part 2

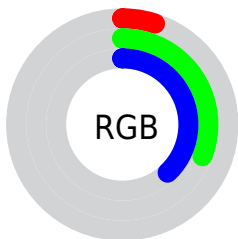
Format	Color
R_{YB}	12, 49, 98
Decimal	806498
CIE Lab	30.42, -11.74, -17.23
CIE LCh	30, 20.851, 235.724
Yxy	6.4088, 0.2116, 0.2669
Android (android.graphics.Color)	4278996578 (0xFF0C4E62)
YUV	60.5460, 18.4648, -42.5748
Hunter-Lab	25.3156, -8.4789, -11.6120

Details

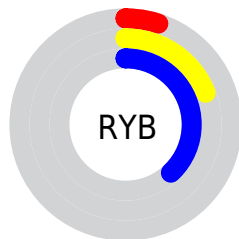
The Hex color **0C4E62** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62200C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **497F95**, and **002233** is the 20% darker color. If you saturate the color by 10%, you get **024C62**, and if you desaturate by 10%, it is **165062**.

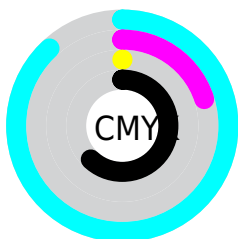
Distribution



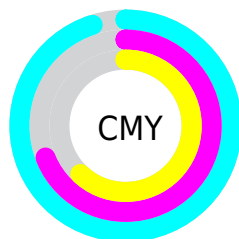
- Red (5%)
- Green (31%)
- Blue (38%)



- Red (5%)
- Yellow (19%)
- Blue (38%)



- Cyan (88%)
- Magenta (20%)
- Yellow (0%)
- Black (62%)



- Cyan (95%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C4E62 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 0C4E62 by changing the saturation by 10% instead.

0C4E62

0C4E62

FFFFFF

00374A

497F95

002233

6399AF

00051F

7EB4CB

000002

9ACFE7

000000

B5ECFF

D2FFFF

FFFFFF

0C4E62

0C4E62

■ 024C62

■ 165062

■ 004B62

■ 205362

■ 295562

■ 335762

■ 3D5962

■ 475C62

■ 515E62

■ 5A6062

■ 646362

Harmonies

Analogous

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



015055



0C4E62



2C4A68

Triad

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



0C4E62



653B4B



444B2A

Complementary

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



0C4E62



62200C

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.



544627



0C4E62



673C3A

Square

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



0C4E62



5A3F5A



61402D



314E35

Rectangle

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



0C4E62



3E4667



61402D



4A4928

Sweetspot

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



0C4E62



5E7880



0C621F



2C3B40



BFBFBF



404040

Same Dimension

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



0C4E62



006280



0C2462



2C2F30



005670



00B8F0

Inverse Universe

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



620C4E



800062



624A0C



302C2F



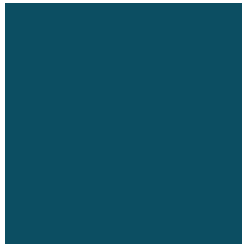
700056



F000B8

Previews

White Background



This preview shows how the Hex color 0C4E62 looks on a white background.

Color Contrast Check

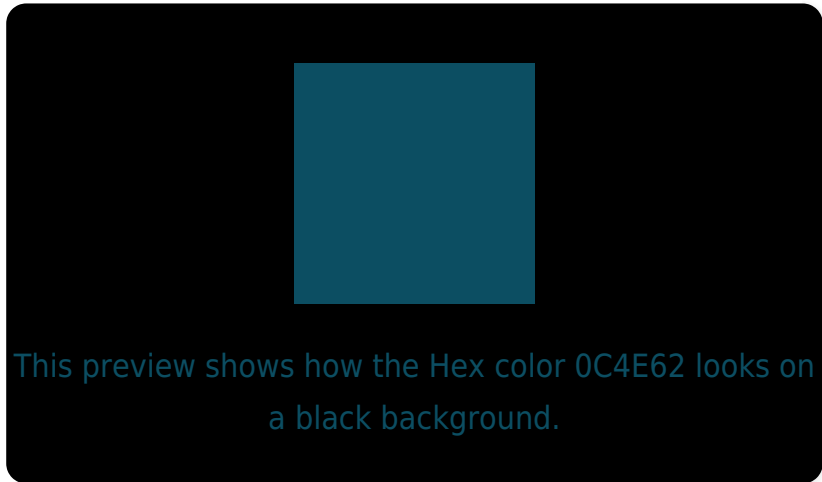
Large Text (above 18pt) WCAG AA ✓ Pass

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

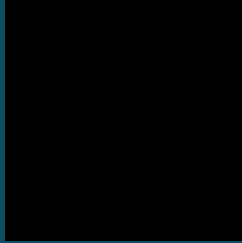
Any Text WCAG AA × Fail

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 0C4E62 Background



This preview shows how black text looks on a background with the Hex color 0C4E62.

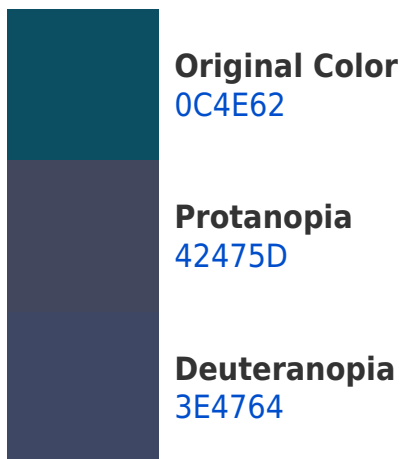


This preview shows how white text looks on a background with the Hex color 0C4E62.

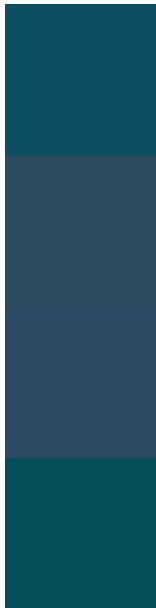
Color Blindness Simulation

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



Trichromacy



Original Color
0C4E62

Protanomaly
2E4A5F

Deuteranomaly
2C4A63

Tritanomaly
044F5A

Monochromacy



Original Color
0C4E62

Achromatopsia
3D3D3D

Achromatomaly
2B434A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C4E62 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 #0C4E62 looks like.

```
.text, #text, p{  
  color:#0C4E62  
}
```

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 #0C4E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C4E62
}
```

Border

The CSS property to change the border of an element to Hex 0C4E62 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
#0C4E62 }
```

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

```
.border{ border-color:#0C4E62 }
```

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

Here you see how a box with a 4 pixel #0C4E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C4E62; -webkit-box-shadow:4px 4px  
4px 4px #0C4E62; box-shadow:4px 4px 4px  
4px #0C4E62 }
```

Background

The CSS property to change the background color of an element to Hex 0C4E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C4E62 }
```

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

```
.background{ background-color:#0C4E62 }
```

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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