

Converting Colors

Hex(0C5A50)

Have a look what the booklet for
Hex(0C5A50) contains.

Hex(0C5A50)	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(0C5A50)

Conversions

Conversions Part 1

Format	Color
Hex	0C5A50
RGB	12, 90, 80
RGB Percent	5%, 35%, 31%
CMY	0.9529, 0.6471, 0.6863
CMYK	0.87, 0.00, 0.11, 0.65
HSL	172°, 76%, 20%
HSV	172°, 87%, 35%
XYZ	5.2558, 7.9697, 8.8507
YIQ	65.5380, -43.2780, -19.6460

Conversions

Conversions Part 2

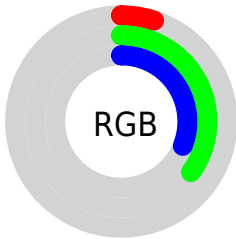
Format	Color
R_{YB}	12, 54, 90
Decimal	809552
CIE _{Lab}	33.92, -24.68, -0.57
CIE _{LCh}	34, 24.689, 181.319
Yxy	7.9697, 0.2381, 0.3610
Android (android.graphics.Color)	4278999632 (0xFF0C5A50)
YUV	65.5380, 7.1298, -46.9528
Hunter-Lab	28.2306, -16.1719, 1.1732

Details

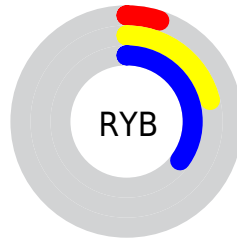
The Hex color **0C5A50** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A0C16**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **488D81**, and **002B24** is the 20% darker color. If you saturate the color by 10%, you get **035A4F**, and if you desaturate by 10%, it is **155A51**.

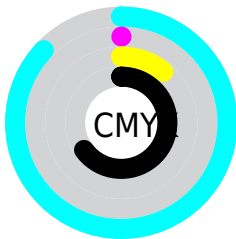
Distribution



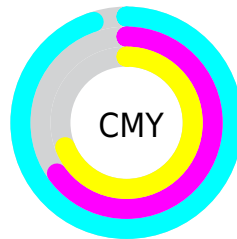
- Red (5%)
- Green (35%)
- Blue (31%)



- Red (5%)
- Yellow (21%)
- Blue (35%)



- Cyan (87%)
- Magenta (0%)
- Yellow (11%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5A50 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 0C5A50 by changing the saturation by 10% instead.

 0C5A50

 0C5A50

FFFFFF

 004239

 488D81

 002B24

 62A79B

 00170E

 7DC3B6

 000000

 98DFD1

 B4FBEE

 D1FFFF

 EEEFFF

 0C5A50

 0C5A50

■ 035A4F

■ 155A51

■ 005A4E

■ 1E5A52

■ 275A53

■ 305A55

■ 395A56

■ 425A57

■ 4B5A58

■ 545A59

■ 5D5A5A

Harmonies

Analogous

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



2F583C



0C5A50



005A63

Triad

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



0C5A50



534A71



6B482E

Complementary

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



0C5A50



5A0C16

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.



74423C



0C5A50



694363

Square

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



0C5A50



335177



744050



5B4F28

Rectangle

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



0C5A50



00586E



744050



6F4632

Sweetspot

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



0C5A50



577571



165A0C



283B38



BABABA



3B3B3B

Same Dimension

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



0C5A50



007566



0C3D5A



292E2D



006E60



00EDCF

Inverse Universe

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



5A0C16



75000F



5A290C



2E292A



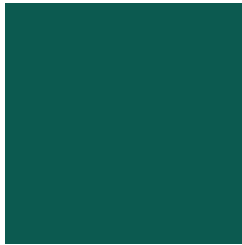
6E000E



ED001E

Previews

White Background



This preview shows how the Hex color 0C5A50 looks on a white background.

Color Contrast Check

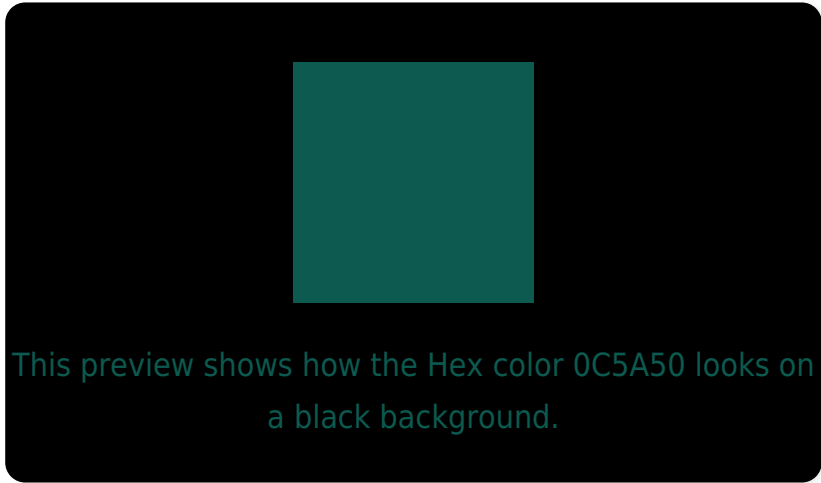
Large Text (above 18pt) WCAG AA ✓ Pass

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

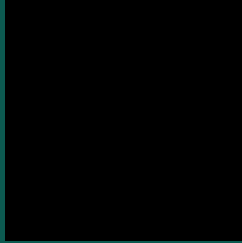
Any Text WCAG AA × Fail

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 0C5A50 Background



This preview shows how black text looks on a background with the Hex color 0C5A50.



This preview shows how white text looks on a background with the Hex color 0C5A50.

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
0C5A50

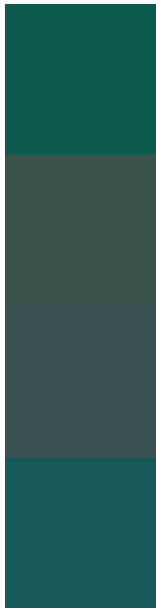
Protanopia
524F4A

Deuteranopia
564D53



Tritanopia
1A585F

Trichromacy



Original Color
0C5A50

Protanomaly
39534C

Deuteranomaly
3B5252

Tritanomaly
15595A

Monochromacy



Original Color
0C5A50

Achromatopsia
424242

Achromatomaly
2E4B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5A50 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 #0C5A50 looks like.

```
.text, #text, p{  
    color:#0C5A50  
}
```

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 #0C5A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5A50
}
```

Border

The CSS property to change the border of an element to Hex 0C5A50 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
#0C5A50 }
```

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

```
.border{ border-color:#0C5A50 }
```

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

Here you see how a box with a 4 pixel #0C5A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5A50; -webkit-box-shadow:4px 4px  
4px 4px #0C5A50; box-shadow:4px 4px 4px  
4px #0C5A50 }
```

Background

The CSS property to change the background color of an element to Hex 0C5A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5A50 }
```

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

```
.background{ background-color:#0C5A50 }
```

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