

Converting Colors

Hex(0C5F63)

Have a look what the booklet for
Hex(0C5F63) contains.

Hex(0C5F63)	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(0C5F63)

Conversions

Conversions Part 1

Format	Color
Hex	0C5F63
RGB	12, 95, 99
RGB Percent	5%, 37%, 39%
CMY	0.9529, 0.6275, 0.6118
CMYK	0.88, 0.04, 0.00, 0.61
HSL	183°, 78%, 22%
HSV	183°, 88%, 39%
XYZ	6.4960, 9.1634, 13.2307
YIQ	70.6390, -50.7520, -16.3520

Conversions

Conversions Part 2

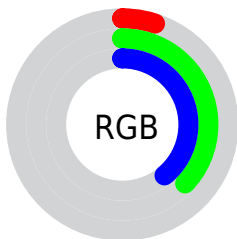
Format	Color
RYB	12, 54, 99
Decimal	810851
CIELab	36.30, -20.99, -8.89
CIElCh	36, 22.798, 202.962
Yxy	9.1634, 0.2249, 0.3172
Android (android.graphics.Color)	4279000931 (0xFF0C5F63)
YUV	70.6390, 13.9820, -51.4264
Hunter-Lab	30.2712, -14.6698, -4.7243

Details

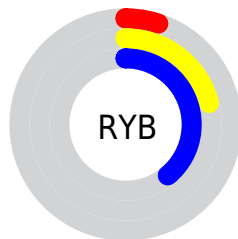
The Hex color **0C5F63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63100C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4B9296**, and **003035** is the 20% darker color. If you saturate the color by 10%, you get **025F63**, and if you desaturate by 10%, it is **165F63**.

Distribution



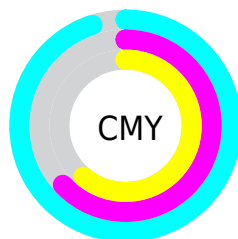
- Red (5%)
- Green (37%)
- Blue (39%)



- Red (5%)
- Yellow (21%)
- Blue (39%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (61%)



- Cyan (95%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C5F63 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 0C5F63 by changing the saturation by 10% instead.



0C5F63



0C5F63

FFFFFF



00474B



4B9296



003035



67ADB0



001D1F



82C8CC



000006



9DE4E8



000000



BAFFFF



D6FFFF



F3FFFF



0C5F63



0C5F63

■ 025F63

■ 165F63

■ 005E63

■ 206063

■ 2A6063

■ 346163

■ 3E6163

■ 476263

■ 516263

■ 5B6363

■ 656363

Harmonies

Analogous

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



265F50



0C5F63



135D72

Triad

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



0C5F63



684C6C



655331

Complementary

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



0C5F63



63100C

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.



734C39



0C5F63



76485A

Square

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



0C5F63



515277



794848



535933

Rectangle

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



0C5F63



295A78



794848



6A5133

Sweetspot

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



0C5F63



5E7E80



0C630F



2C3F40



BFBFBF



404040

Same Dimension

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



0C5F63



007A80



0C3563



2C3030



006B70



00E5F0

Inverse Universe

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



630C5F



80007A



633A0C



302C30



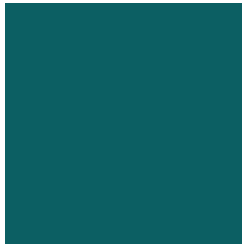
70006B



F000E5

Previews

White Background



This preview shows how the Hex color 0C5F63 looks on a white background.

Color Contrast Check

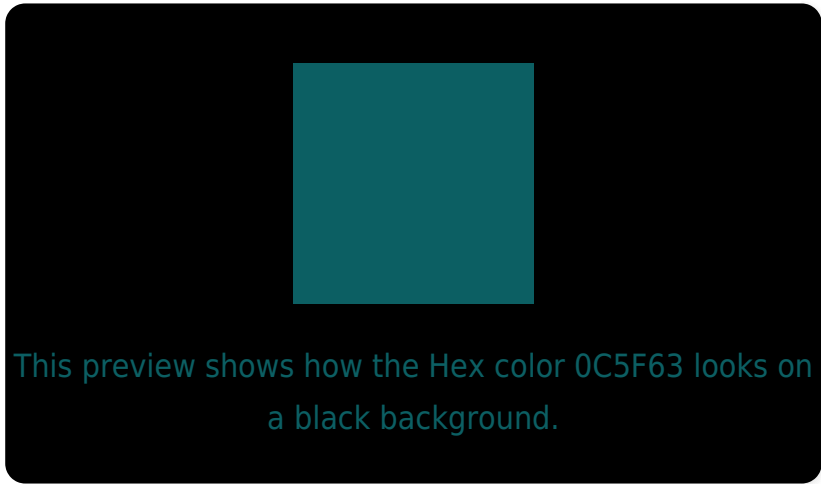
Large Text (above 18pt) WCAG AA ✓ Pass

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

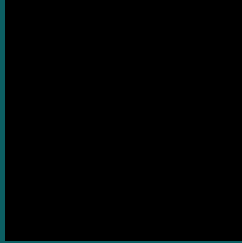
Any Text WCAG AA × Fail

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 0C5F63 Background



This preview shows how black text looks on a background with the Hex color 0C5F63.

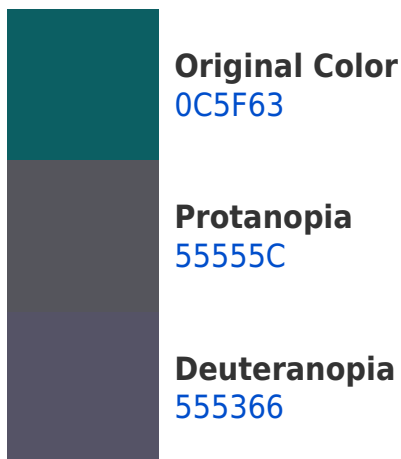



This preview shows how white text looks on a background with the Hex color 0C5F63.

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](#).

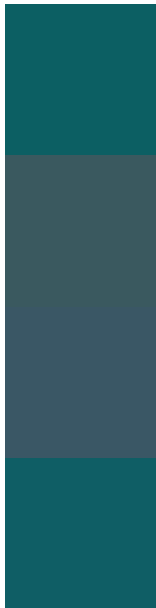
Dichromacy





Tritanopia
115E66

Trichromacy



Original Color
0C5F63

Protanomaly
3A595F

Deuteranomaly
3A5765

Tritanomaly
0F5E65

Monochromacy



Original Color
0C5F63

Achromatopsia
474747

Achromatomaly
325051

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C5F63 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 #0C5F63 looks like.

```
.text, #text, p{  
    color:#0C5F63  
}
```

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 #0C5F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C5F63
}
```

Border

The CSS property to change the border of an element to Hex 0C5F63 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
#0C5F63 }
```

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

```
.border{ border-color:#0C5F63 }
```

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

Here you see how a box with a 4 pixel #0C5F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C5F63; -webkit-box-shadow:4px 4px  
4px 4px #0C5F63; box-shadow:4px 4px 4px  
4px #0C5F63 }
```

Background

The CSS property to change the background color of an element to Hex 0C5F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C5F63 }
```

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

```
.background{ background-color:#0C5F63 }
```

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