

Converting Colors

Hex(0A5E63)

Have a look what the booklet for
Hex(0A5E63) contains.

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Color

Hex(0A5E63)

Conversions

Conversions Part 1

Format	Color
Hex	0A5E63
RGB	10, 94, 99
RGB Percent	4%, 37%, 39%
CMY	0.9608, 0.6314, 0.6118
CMYK	0.90, 0.05, 0.00, 0.61
HSL	183°, 82%, 21%
HSV	183°, 90%, 39%
XYZ	6.3800, 8.9708, 13.1997
YIQ	69.4540, -51.6690, -16.2530

Conversions

Conversions Part 2

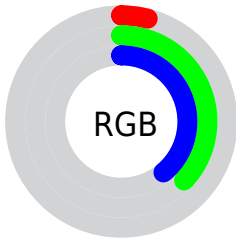
Format	Color
R_{YB}	10, 53, 99
Decimal	679523
CIE Lab	35.93, -20.62, -9.45
CIE LCh	36, 22.687, 204.624
Yxy	8.9708, 0.2235, 0.3142
Android (android.graphics.Color)	4278869603 (0xFF0A5E63)
YUV	69.4540, 14.5662, -52.1412
Hunter-Lab	29.9513, -14.3919, -5.1635

Details

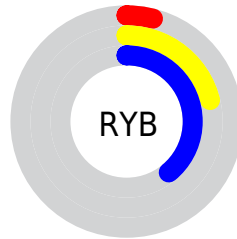
The Hex color **0A5E63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **630F0A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4B9196**, and **002F35** is the 20% darker color. If you saturate the color by 10%, you get **005D63**, and if you desaturate by 10%, it is **145F63**.

Distribution



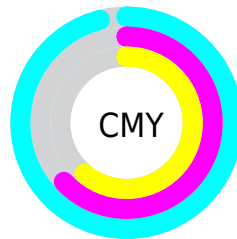
- Red (4%)
- Green (37%)
- Blue (39%)



- Red (4%)
- Yellow (21%)
- Blue (39%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5E63 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 0A5E63 by changing the saturation by 10% instead.

0A5E63

0A5E63

FFFFFF

00464B

4B9196

002F35

66ABB0

001C1F

81C7CC

000006

9DE3E8

000000

B9FFFF

D5FFFF

F2FFFF

0A5E63

0A5E63

■ 005D63

■ 145F63

■ 1E5F63

■ 286063

■ 326063

■ 3C6163

■ 456163

■ 4F6263

■ 596263

■ 636363

Harmonies

Analogous

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



245E50



0A5E63



145C72

Triad

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



0A5E63



684B6A



635230

Complementary

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



0A5E63



630F0A

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.



714C38



0A5E63



754759

Square

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



0A5E63



525175



784746



515833

Rectangle

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



0A5E63



2A5977



784746



695032

Sweetspot

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



0A5E63



5D7E80



0A630E



2B3F40



BFBFBF



404040

Same Dimension

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



0A5E63



007880



0A3263



2C3030



006A70



00E2F0

Inverse Universe

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



630A5E



800078



633B0A



302C30



70006A



F000E2

Previews

White Background



This preview shows how the Hex color 0A5E63 looks on a white background.

Color Contrast Check

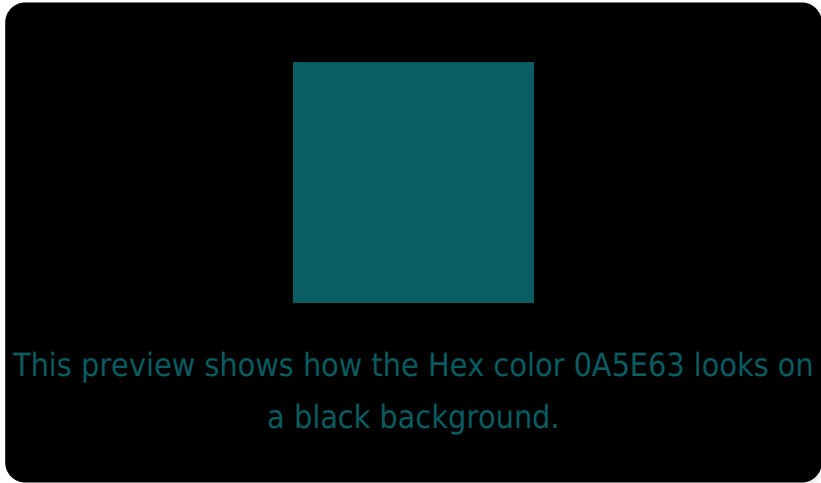
Large Text (above 18pt) WCAG AA ✓ Pass

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

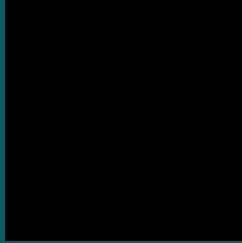
Any Text WCAG AA × Fail

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 0A5E63 Background



This preview shows how black text looks on a background with the Hex color 0A5E63.

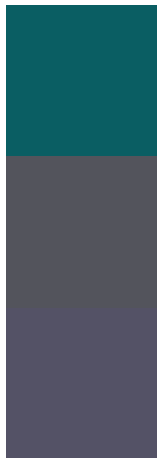


This preview shows how white text looks on a background with the Hex color 0A5E63.

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
0A5E63

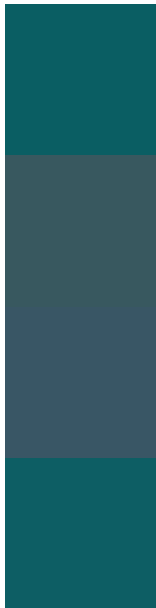
Protanopia
53545C

Deuteranopia
545266



Tritanopia
0E5E65

Trichromacy



Original Color
0A5E63

Protanomaly
38585F

Deuteranomaly
395665

Tritanomaly
0D5E64

Monochromacy



Original Color
0A5E63

Achromatopsia
454545

Achromatomaly
304E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5E63 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 #0A5E63 looks like.

```
.text, #text, p{  
    color:#0A5E63  
}
```

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 #0A5E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5E63
}
```

Border

The CSS property to change the border of an element to Hex 0A5E63 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
#0A5E63 }
```

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

```
.border{ border-color:#0A5E63 }
```

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

Here you see how a box with a 4 pixel #0A5E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5E63; -webkit-box-shadow:4px 4px  
4px 4px #0A5E63; box-shadow:4px 4px 4px  
4px #0A5E63 }
```

Background

The CSS property to change the background color of an element to Hex 0A5E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5E63 }
```

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

```
.background{ background-color:#0A5E63 }
```

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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