

# Converting Colors

Hex(0A5F62)

Have a look what the booklet for  
Hex(0A5F62) contains.

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# Color

Hex(0A5F62)

# Conversions

## Conversions Part 1

Format	Color
Hex	0A5F62
RGB	10, 95, 98
RGB Percent	4%, 37%, 38%
CMY	0.9608, 0.6275, 0.6157
CMYK	0.90, 0.03, 0.00, 0.62
HSL	182°, 81%, 21%
HSV	182°, 90%, 38%
XYZ	6.4220, 9.1308, 12.9792
YIQ	69.9270, -51.6230, -17.0870

# Conversions

## Conversions Part 2

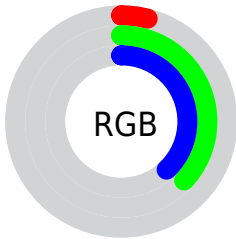
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 53, 98
Decimal	679778
CIE <sub>Lab</sub>	36.23, -21.50, -8.37
CIE <sub>LCh</sub>	36, 23.074, 201.268
Yxy	9.1308, 0.2251, 0.3200
Android (android.graphics.Color)	4278869858 (0xFF0A5F62)
YUV	69.9270, 13.8400, -52.5560
Hunter-Lab	30.2172, -14.9439, -4.3148

# Details

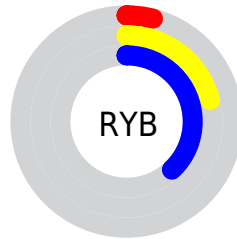
The Hex color **0A5F62** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **620D0A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4B9295**, and **003034** is the 20% darker color. If you saturate the color by 10%, you get **005F62**, and if you desaturate by 10%, it is **145F62**.

# Distribution



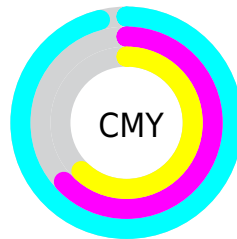
- Red (4%)
- Green (37%)
- Blue (38%)



- Red (4%)
- Yellow (21%)
- Blue (38%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (63%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5F62 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 0A5F62 by changing the saturation by 10% instead.





0A5F62



0A5F62

FFFFFF



00474A



4B9295



003034



66ADAF



001D1E



81C8CB



000005



9DE4E7



000000



B9FFFF



D5FFFF



F3FFFF



0A5F62



0A5F62

■ 005F62

■ 145F62

■ 1E6062

■ 276062

■ 316062

■ 3B6162

■ 456162

■ 4F6162

■ 586262

■ 626262

# Harmonies

## Analogous

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



265F4F



0A5F62



0E5D72

# Triad

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



0A5F62



674C6D



665231

# Complementary

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



0A5F62



620D0A

# 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.



744C39



0A5F62



76475B

# Square

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



0A5F62



4F5278



794749



545832

# Rectangle

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



0A5F62



255A78



794749



6B5032



# Sweetspot

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



0A5F62



5D7E80



0A620D



2B3F40



BFBFBF



404040



# Same Dimension

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



0A5F62



007B80



0A3362



2C3030



006C70



00E8F0



# Inverse Universe

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



620A5F



80007B



62390A



302C30



70006C



F000E8



# Previews

## White Background



This preview shows how the Hex color 0A5F62 looks on a white background.

## Color Contrast Check

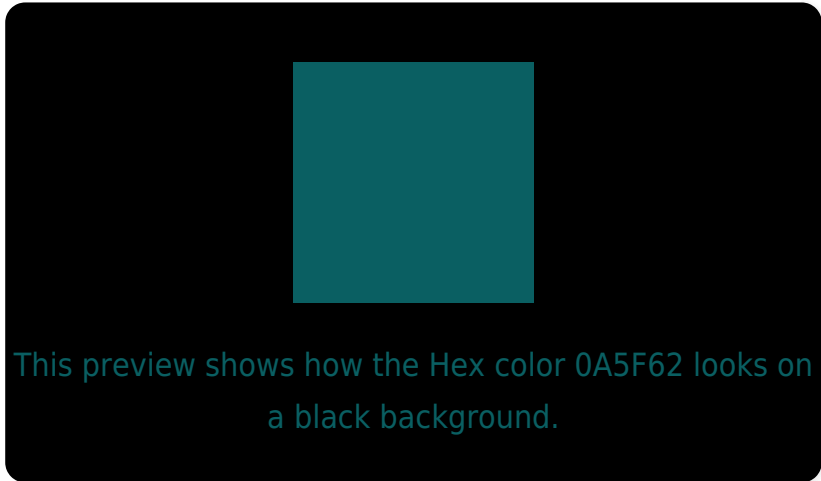
Large Text (above 18pt) WCAG AA ✓ Pass

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

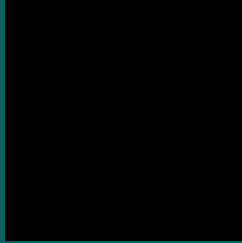
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5F62 Background



This preview shows how black text looks on a background with the Hex color 0A5F62.



This preview shows how white text looks on a background with the Hex color 0A5F62.

# 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**  
0A5F62

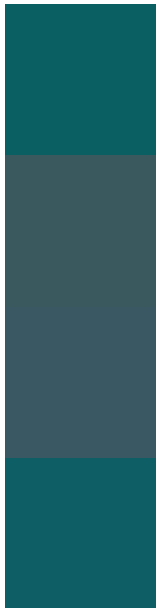
**Protanopia**  
55555B

**Deuteranopia**  
565365



**Tritanopia**  
115E66

# Trichromacy



**Original Color**  
0A5F62

**Protanomaly**  
3A595E

**Deuteranomaly**  
3A5764

**Tritanomaly**  
0E5E65

# Monochromacy



**Original Color**  
0A5F62

**Achromatopsia**  
464646

**Achromatomaly**  
304F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5F62 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 #0A5F62 looks like.

```
.text, #text, p{  
    color:#0A5F62  
}
```

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 #0A5F62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5F62
}
```

## Border

The CSS property to change the border of an element to Hex 0A5F62 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
#0A5F62 }
```

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

```
.border{ border-color:#0A5F62 }
```

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

Here you see how a box with a 4 pixel #0A5F62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5F62; -webkit-box-shadow:4px 4px  
4px 4px #0A5F62; box-shadow:4px 4px 4px  
4px #0A5F62 }
```

# Background

The CSS property to change the background color of an element to Hex 0A5F62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5F62 }
```

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

```
.background{ background-color:#0A5F62 }
```

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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