

# Converting Colors

Hex(0A5661)

Have a look what the booklet for  
Hex(0A5661) contains.

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# Color

**Hex(0A5661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A5661
RGB	10, 86, 97
RGB Percent	4%, 34%, 38%
CMY	0.9608, 0.6627, 0.6196
CMYK	0.90, 0.11, 0.00, 0.62
HSL	188°, 81%, 21%
HSV	188°, 90%, 38%
XYZ	5.6106, 7.5832, 12.4772
YIQ	64.5300, -48.8270, -12.6910

# Conversions

## Conversions Part 2

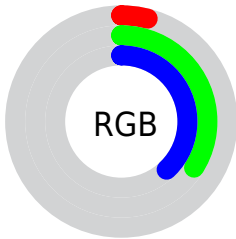
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 51, 97
Decimal	677473
CIELab	33.10, -16.95, -12.49
CIELCh	33, 21.056, 216.383
Yxy	7.5832, 0.2186, 0.2954
Android (android.graphics.Color)	4278867553 (0xFF0A5661)
YUV	64.5300, 16.0077, -47.8228
Hunter-Lab	27.5376, -11.8223, -7.5880

# Details

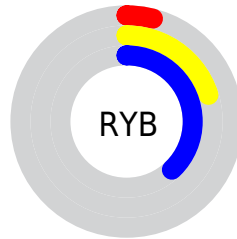
The Hex color **0A5661** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61150A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **498894**, and **002833** is the 20% darker color. If you saturate the color by 10%, you get **005561**, and if you desaturate by 10%, it is **145761**.

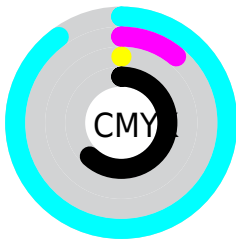
# Distribution



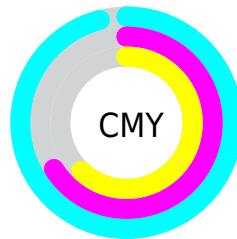
- Red (4%)
- Green (34%)
- Blue (38%)



- Red (4%)
- Yellow (20%)
- Blue (38%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (66%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A5661 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 0A5661 by changing the saturation by 10% instead.



0A5661

0A5661

FFFFFF

003F49

498894

002833

64A2AE

00141E

7FBDC4

000001

9AD9E6

000000

B6F6FF

D3FFFF

F0FFFF

0A5661

0A5661

■ 005561

■ 145761

■ 1D5861

■ 275A61

■ 315B61

■ 3A5C61

■ 445D61

■ 4E5F61

■ 586061

■ 616161

# Harmonies

## Analogous

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



195751



0A5661



1F536C

# Triad

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



0A5661



66435B



554E2C

# Complementary

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



0A5661



61150A

# 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.



644830



0A5661



6E414B

# Square

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



0A5661



544869



6D433B



445333

# Rectangle

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



0A5661



33506F



6D433B



5B4C2C



# Sweetspot

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



0A5661



5B797D



0A6114



2B3D40



BFBFBF



404040



# Same Dimension

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



0A5661



006D7D



0A2B61



2C3030



006270



00D1F0



# Inverse Universe

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



610A56



7D006D



61400A



302C30



700062

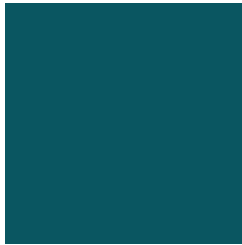


F000D1



# Previews

## White Background



This preview shows how the Hex color 0A5661 looks on a white background.

## Color Contrast Check

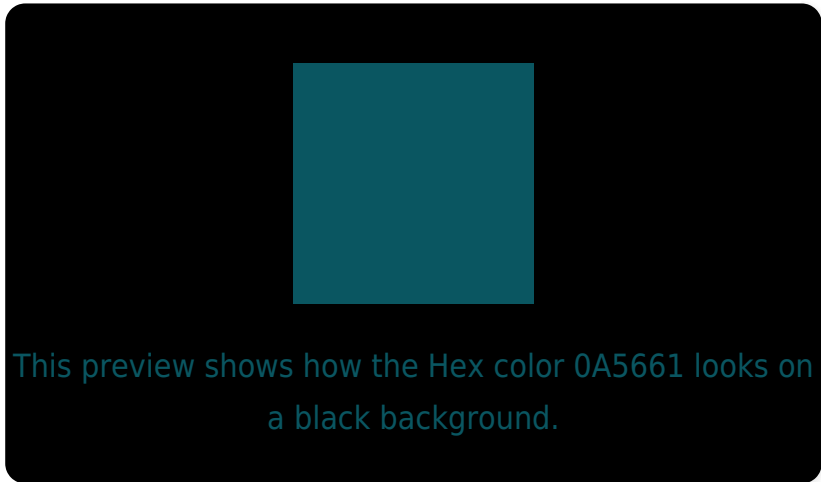
Large Text (above 18pt) WCAG AA ✓ Pass

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

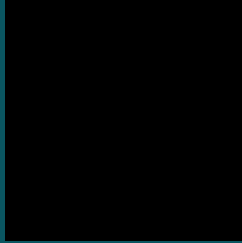
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A5661 Background



This preview shows how black text looks on a background with the Hex color 0A5661.

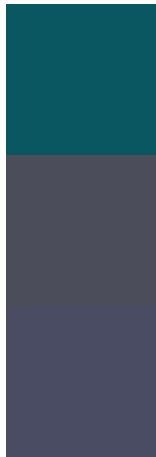


This preview shows how white text looks on a background with the Hex color 0A5661.

# 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



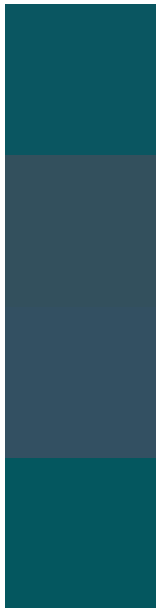
**Original Color**  
0A5661

**Protanopia**  
4B4D5B

**Deuteranopia**  
4A4C63



# Trichromacy



**Original Color**  
0A5661

**Protanomaly**  
33505D

**Deuteranomaly**  
335062

**Tritanomaly**  
04575F

# Monochromacy



**Original Color**  
0A5661

**Achromatopsia**  
414141

**Achromatomaly**  
2D494D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A5661 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 #0A5661 looks like.

```
.text, #text, p{  
    color:#0A5661  
}
```

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 #0A5661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5661
}
```

## Border

The CSS property to change the border of an element to Hex 0A5661 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
#0A5661 }
```

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

```
.border{ border-color:#0A5661 }
```

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

Here you see how a box with a 4 pixel #0A5661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5661; -webkit-box-shadow:4px 4px  
4px 4px #0A5661; box-shadow:4px 4px 4px  
4px #0A5661 }
```

# Background

The CSS property to change the background color of an element to Hex 0A5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5661 }
```

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

```
.background{ background-color:#0A5661 }
```

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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