

Converting Colors

Hex(0A4C61)

Have a look what the booklet for
Hex(0A4C61) contains.

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Color

Hex(0A4C61)

Conversions

Conversions Part 1

Format	Color
Hex	0A4C61
RGB	10, 76, 97
RGB Percent	4%, 30%, 38%
CMY	0.9608, 0.7020, 0.6196
CMYK	0.90, 0.22, 0.00, 0.62
HSL	194°, 81%, 21%
HSV	194°, 90%, 38%
XYZ	4.8673, 6.0965, 12.2295
YIQ	58.6600, -46.0770, -7.4610

Conversions

Conversions Part 2

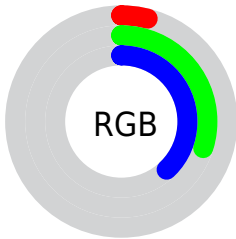
Format	Color
R_{YB}	10, 48, 97
Decimal	674913
CIE _{Lab}	29.65, -11.11, -17.78
CIE _{LCh}	30, 20.969, 237.998
Yxy	6.0965, 0.2099, 0.2629
Android (android.graphics.Color)	4278864993 (0xFF0A4C61)
YUV	58.6600, 18.9016, -42.6748
Hunter-Lab	24.6911, -8.0221, -12.0826

Details

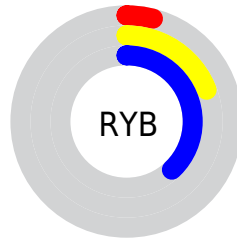
The Hex color **0A4C61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **611F0A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **487D94**, and **002033** is the 20% darker color. If you saturate the color by 10%, you get **004A61**, and if you desaturate by 10%, it is **144E61**.

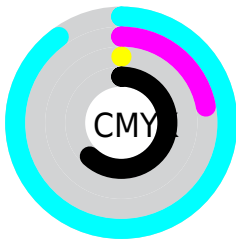
Distribution



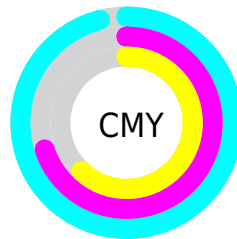
- Red (4%)
- Green (30%)
- Blue (38%)



- Red (4%)
- Yellow (19%)
- Blue (38%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C61 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 0A4C61 by changing the saturation by 10% instead.

0A4C61

0A4C61

FFFFFF

003549

487D94

002033

6297AE

00021E

7DB2CA

000000

98CDE6

B4E9FF

D1FFFF

EDFFFF

0A4C61

0A4C61

■ 004A61

■ 144E61

■ 1D5161

■ 275361

■ 315561

■ 3A5861

■ 445A61

■ 4E5C61

■ 585F61

■ 616161

Harmonies

Analogous

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



004E55



0A4C61



2C4866

Triad

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



0A4C61



643948



414929

Complementary

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



0A4C61



611F0A

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.



514525



0A4C61



653A37

Square

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



0A4C61



593C57



5E3F2B



2D4D34

Rectangle

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



0A4C61



3E4465



5E3F2B



474826

Sweetspot

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



0A4C61



5B757D



0A611E



2B3B40



BFBFBF



404040

Same Dimension

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



0A4C61



005F7D



0A2161



2C2F30



005570



00B6F0

Inverse Universe

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



610A4C



7D005F



614A0A



302C2F



700055



F000B6

Previews

White Background



This preview shows how the Hex color 0A4C61 looks on a white background.

Color Contrast Check

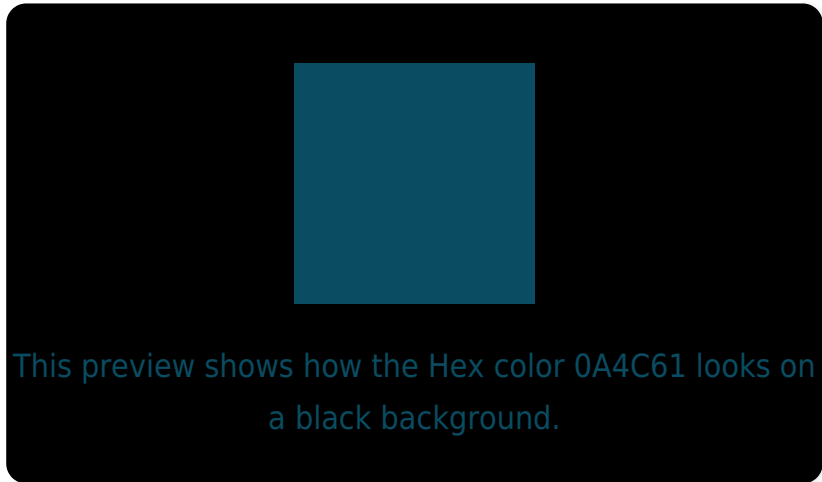
Large Text (above 18pt) WCAG AA ✓ Pass

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

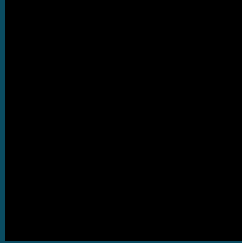
Any Text WCAG AA × Fail

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 0A4C61 Background



This preview shows how black text looks on a background with the Hex color 0A4C61.



This preview shows how white text looks on a background with the Hex color 0A4C61.

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
0A4C61

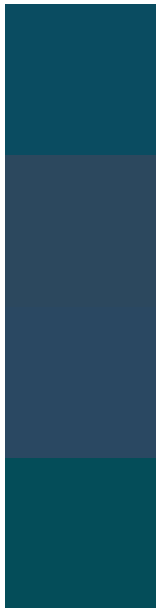
Protanopia
40455C

Deuteranopia
3C4563



Tritanopia
004E54

Trichromacy



Original Color
0A4C61

Protanomaly
2C485E

Deuteranomaly
2A4862

Tritanomaly
044D59

Monochromacy



Original Color
0A4C61

Achromatopsia
3B3B3B

Achromatomaly
294149

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4C61 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 #0A4C61 looks like.

```
.text, #text, p{  
    color:#0A4C61  
}
```

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 #0A4C61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C61
}
```

Border

The CSS property to change the border of an element to Hex 0A4C61 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
#0A4C61 }
```

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

```
.border{ border-color:#0A4C61 }
```

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

Here you see how a box with a 4 pixel #0A4C61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C61; -webkit-box-shadow:4px 4px  
4px 4px #0A4C61; box-shadow:4px 4px 4px  
4px #0A4C61 }
```

Background

The CSS property to change the background color of an element to Hex 0A4C61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C61 }
```

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

```
.background{ background-color:#0A4C61 }
```

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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