

Converting Colors

Hex(0A4C50)

Have a look what the booklet for
Hex(0A4C50) contains.

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Color

Hex(0A4C50)

Conversions

Conversions Part 1

Format	Color
Hex	0A4C50
RGB	10, 76, 80
RGB Percent	4%, 30%, 31%
CMY	0.9608, 0.7020, 0.6863
CMYK	0.88, 0.05, 0.00, 0.69
HSL	183°, 78%, 18%
HSV	183°, 88%, 31%
XYZ	4.1576, 5.8126, 8.4922
YIQ	56.7220, -40.6200, -12.7480

Conversions

Conversions Part 2

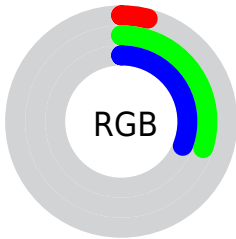
Format	Color
RYB	10, 44, 80
Decimal	674896
CIELab	28.93, -17.51, -7.98
CIELCh	29, 19.243, 204.492
Yxy	5.8126, 0.2252, 0.3148
Android (android.graphics.Color)	4278864976 (0xFF0A4C50)
YUV	56.7220, 11.4761, -40.9752
Hunter-Lab	24.1093, -11.4095, -4.0077

Details

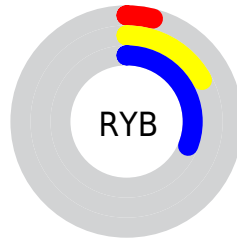
The Hex color **0A4C50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **500E0A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **447D81**, and **002024** is the 20% darker color. If you saturate the color by 10%, you get **024C50**, and if you desaturate by 10%, it is **124C50**.

Distribution



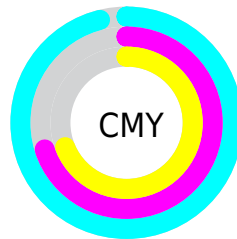
- Red (4%)
- Green (30%)
- Blue (31%)



- Red (4%)
- Yellow (17%)
- Blue (31%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C50 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 0A4C50 by changing the saturation by 10% instead.



0A4C50



0A4C50

FFFFFF



003539



447D81



002024



5E979B



00010E



79B2B6



000000



94CED2



AFEAEE



CBFFFF



E8FFFF



0A4C50



0A4C50

■ 024C50

■ 124C50

■ 004B50

■ 1A4D50

■ 224D50

■ 2A4E50

■ 324E50

■ 3A4F50

■ 424F50

■ 4A5050

■ 525050

Harmonies

Analogous

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



1D4C41



0A4C50



114A5C

Triad

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



0A4C50



543C56



514227

Complementary

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



0A4C50



500E0A

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.



5C3D2D



0A4C50



5F3948

Square

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



0A4C50



42415F



613939



424729

Rectangle

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



0A4C50



224861



613939



554128

Sweetspot

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



0A4C50



4D6769



0A500D



253536



B5B5B5



363636

Same Dimension

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



0A4C50



006369



0A2A50



252929



00DBE8

Inverse Universe

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



500A4C



690063



50310A



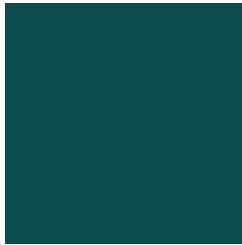
292529



E800DB

Previews

White Background



This preview shows how the Hex color 0A4C50 looks on a white background.

Color Contrast Check

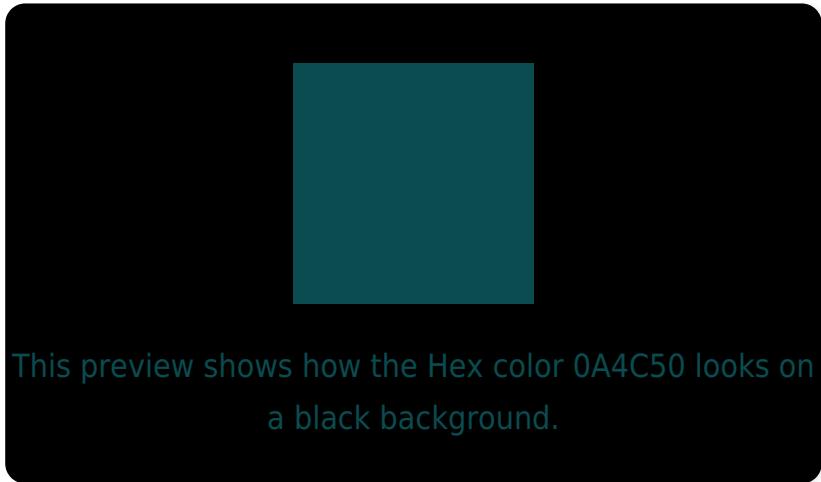
Large Text (above 18pt) WCAG AA ✓ Pass

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

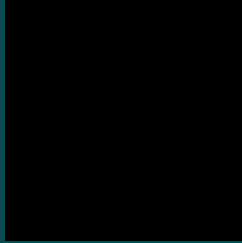
Any Text WCAG AA × Fail

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 0A4C50 Background



This preview shows how black text looks on a background with the Hex color 0A4C50.



This preview shows how white text looks on a background with the Hex color 0A4C50.

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
0A4C50

Protanopia
44444B

Deuteranopia
444352



Tritanopia
0D4C52

Trichromacy



Original Color
0A4C50

Protanomaly
2F474D

Deuteranomaly
2F4651

Tritanomaly
0C4C51

Monochromacy



Original Color
0A4C50

Achromatopsia
393939

Achromatomaly
284041

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4C50 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 #0A4C50 looks like.

```
.text, #text, p{  
    color:#0A4C50  
}
```

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 #0A4C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C50
}
```

Border

The CSS property to change the border of an element to Hex 0A4C50 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
#0A4C50 }
```

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

```
.border{ border-color:#0A4C50 }
```

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

Here you see how a box with a 4 pixel #0A4C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C50; -webkit-box-shadow:4px 4px  
4px 4px #0A4C50; box-shadow:4px 4px 4px  
4px #0A4C50 }
```

Background

The CSS property to change the background color of an element to Hex 0A4C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C50 }
```

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

```
.background{ background-color:#0A4C50 }
```

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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