

Converting Colors

Hex(0A4C5D)

Have a look what the booklet for
Hex(0A4C5D) contains.

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Color

Hex(0A4C5D)

Conversions

Conversions Part 1

Format	Color
Hex	0A4C5D
RGB	10, 76, 93
RGB Percent	4%, 30%, 36%
CMY	0.9608, 0.7020, 0.6353
CMYK	0.89, 0.18, 0.00, 0.64
HSL	192°, 81%, 20%
HSV	192°, 89%, 36%
XYZ	4.6854, 6.0237, 11.2717
YIQ	58.2040, -44.7930, -8.7050

Conversions

Conversions Part 2

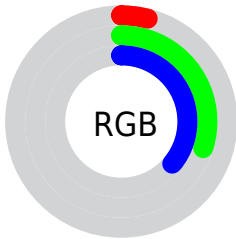
Format	Color
RYB	10, 47, 93
Decimal	674909
CIELab	29.47, -12.67, -15.51
CIElCh	29, 20.025, 230.755
Yxy	6.0237, 0.2132, 0.2740
Android (android.graphics.Color)	4278864989 (0xFF0A4C5D)
YUV	58.2040, 17.1544, -42.2749
Hunter-Lab	24.5433, -8.8745, -10.0491

Details

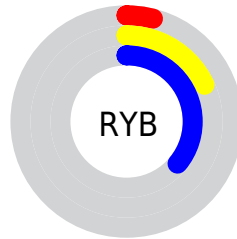
The Hex color **0A4C5D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D1B0A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **477D8F**, and **00202F** is the 20% darker color. If you saturate the color by 10%, you get **014A5D**, and if you desaturate by 10%, it is **134E5D**.

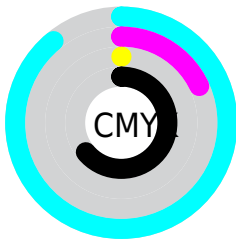
Distribution



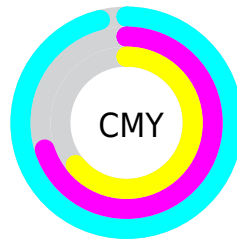
- Red (4%)
- Green (30%)
- Blue (36%)



- Red (4%)
- Yellow (18%)
- Blue (36%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4C5D 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 0A4C5D by changing the saturation by 10% instead.

0A4C5D

0A4C5D

FFFFFF

003545

477D8F

00202F

6197AA

00011B

7CB2C5

000000

97CDE1

B3E9FE

CFFFFFF

ECFFFF

0A4C5D

0A4C5D

■ 014A5D

■ 134E5D

■ 004A5D

■ 1D505D

■ 26525D

■ 2F545D

■ 39565D

■ 42575D

■ 4B595D

■ 545B5D

■ 5E5D5D

Harmonies

Analogous

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



074E50



0A4C5D



264864

Triad

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



0A4C5D



603A4B



454828

Complementary

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



0A4C5D



5D1B0A

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.



544327



0A4C5D



643A3B

Square

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



0A4C5D



543E59



5F3E2E



334B31

Rectangle

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



0A4C5D



384564



5F3E2E



4A4627

Sweetspot

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



0A4C5D



577178



0A5D1B



2A393D



BDBDBD



3D3D3D

Same Dimension

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



0A4C5D



005F78



0A235D



292D2E



00576E



00BDED

Inverse Universe

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



5D0A4C



78005F



5D440A



2E292D



6E0057



ED00BD

Previews

White Background



This preview shows how the Hex color 0A4C5D looks on a white background.

Color Contrast Check

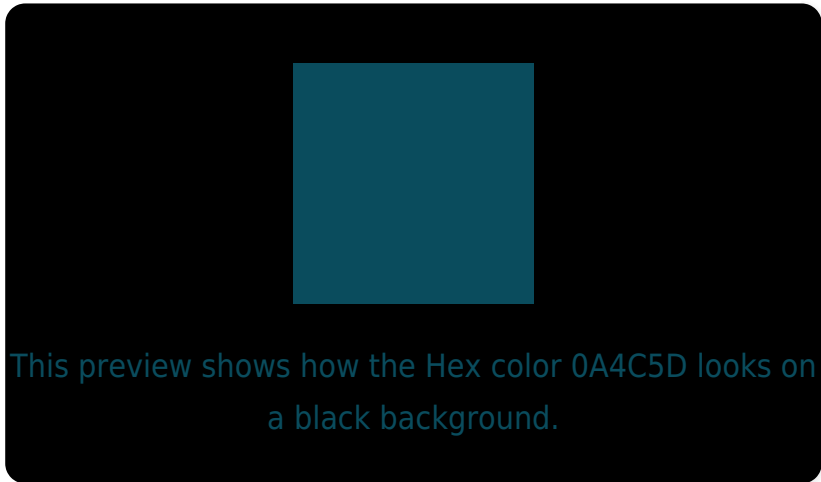
Large Text (above 18pt) WCAG AA ✓ Pass

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

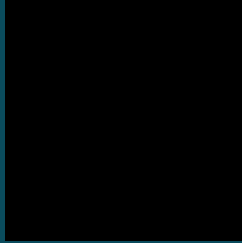
Any Text WCAG AA × Fail

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 0A4C5D Background



This preview shows how black text looks on a background with the Hex color 0A4C5D.

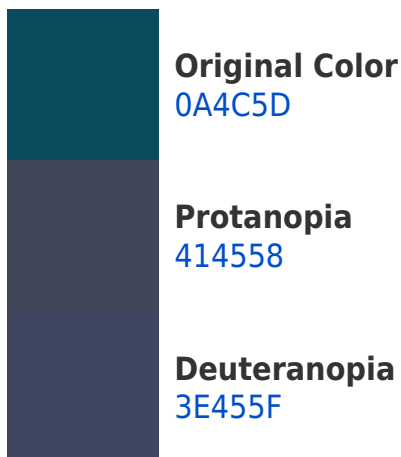


This preview shows how white text looks on a background with the Hex color 0A4C5D.

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](#).

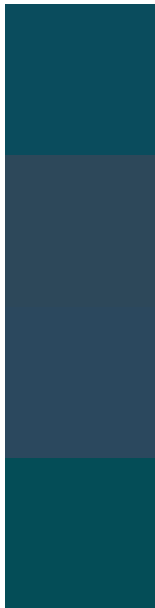
Dichromacy





Tritanopia
004D53

Trichromacy



Original Color
0A4C5D

Protanomaly
2D485A

Deuteranomaly
2B485E

Tritanomaly
044D57

Monochromacy



Original Color
0A4C5D

Achromatopsia
3A3A3A

Achromatomaly
294147

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4C5D 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 #0A4C5D looks like.

```
.text, #text, p{  
    color:#0A4C5D  
}
```

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 #0A4C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4C5D
}
```

Border

The CSS property to change the border of an element to Hex 0A4C5D 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
#0A4C5D }
```

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

```
.border{ border-color:#0A4C5D }
```

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

Here you see how a box with a 4 pixel #0A4C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4C5D; -webkit-box-shadow:4px 4px  
4px 4px #0A4C5D; box-shadow:4px 4px 4px  
4px #0A4C5D }
```

Background

The CSS property to change the background color of an element to Hex 0A4C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4C5D }
```

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

```
.background{ background-color:#0A4C5D }
```

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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