

Converting Colors

Hex(0A4256)

Have a look what the booklet for
Hex(0A4256) contains.

Hex(0A4256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0A4256)

Conversions

Conversions Part 1

Format	Color
Hex	0A4256
RGB	10, 66, 86
RGB Percent	4%, 26%, 34%
CMY	0.9608, 0.7412, 0.6627
CMYK	0.88, 0.23, 0.00, 0.66
HSL	196°, 79%, 19%
HSV	196°, 88%, 34%
XYZ	3.7531, 4.6328, 9.5005
YIQ	51.5360, -39.7960, -5.6520

Conversions

Conversions Part 2

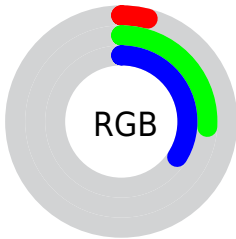
Format	Color
R_{YB}	10, 42, 86
Decimal	672342
CIE _{Lab}	25.66, -9.31, -16.88
CIE _{LCh}	26, 19.276, 241.104
Yxy	4.6328, 0.2098, 0.2590
Android (android.graphics.Color)	4278862422 (0xFF0A4256)
YUV	51.5360, 16.9908, -36.4271
Hunter-Lab	21.5240, -6.5424, -11.1032

Details

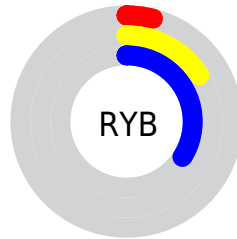
The Hex color **0A4256** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **561E0A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **447288**, and **001829** is the 20% darker color. If you saturate the color by 10%, you get **014056**, and if you desaturate by 10%, it is **134456**.

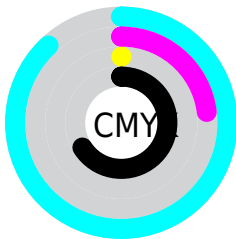
Distribution



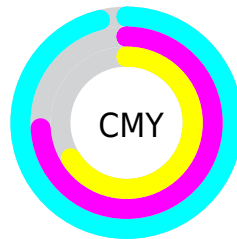
- Red (4%)
- Green (26%)
- Blue (34%)



- Red (4%)
- Yellow (16%)
- Blue (34%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (66%)



- Cyan (96%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A4256 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 0A4256 by changing the saturation by 10% instead.

0A4256

0A4256

FFFFFF

002C3F

447288

001829

5E8BA2

000114

78A6BD

000000

93C1D9

AFDDF5

CBF9FF

E8FFFF

0A4256

0A4256

■ 014056

■ 134456

■ 003F56

■ 1B4756

■ 244956

■ 2C4B56

■ 354D56

■ 3E5056

■ 465256

■ 4F5456

■ 575656

Harmonies

Analogous

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



00444B



0A4256



283E5A

Triad

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



0A4256



58313D



364023

Complementary

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



0A4256



561E0A

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.



463C1F



0A4256



58332E

Square

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



0A4256



50344B



523724



25432E

Rectangle

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



0A4256



383B58



523724



3C3F21

Sweetspot

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



0A4256



526870



0A561D



263338



B8B8B8



383838

Same Dimension

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



0A4256



005370



0A1D56



272A2B



004F6B



00ADEB

Inverse Universe

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



560A42



700053



56430A



2B272A



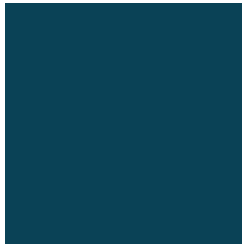
6B004F



EB00AD

Previews

White Background



This preview shows how the Hex color 0A4256 looks on a white background.

Color Contrast Check

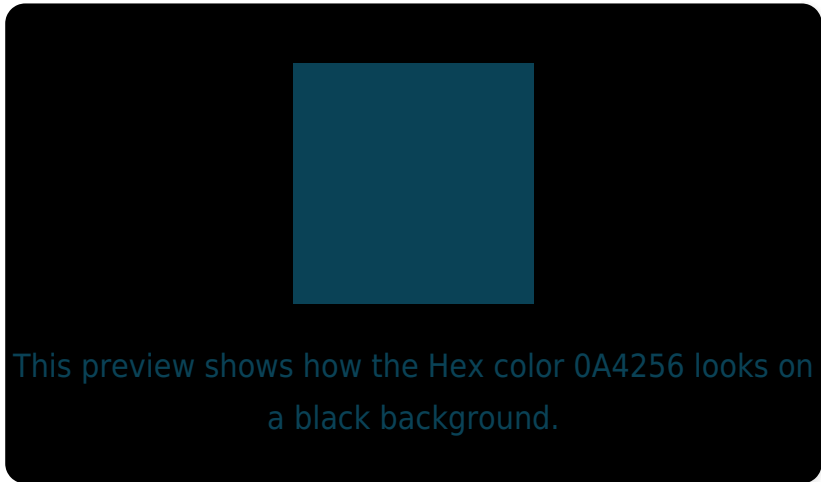
Large Text (above 18pt) WCAG AA ✓ Pass

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

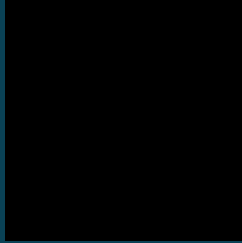
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

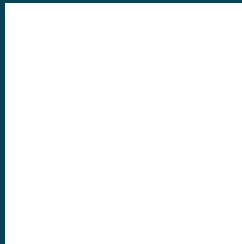
Any Text WCAG AAA × Fail

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

Hex 0A4256 Background



This preview shows how black text looks on a background with the Hex color 0A4256.



This preview shows how white text looks on a background with the Hex color 0A4256.

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

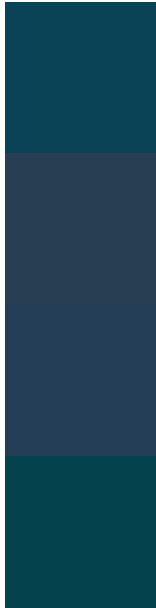


Original Color
0A4256

Protanopia
373C51

Deuteranopia
333C57

Trichromacy



Original Color
0A4256

Protanomaly
273E53

Deuteranomaly
243E57

Tritanomaly
04434E

Monochromacy



Original Color
0A4256

Achromatopsia
343434

Achromatomaly
253940

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A4256 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 #0A4256 looks like.

```
.text, #text, p{  
    color:#0A4256  
}
```

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 #0A4256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A4256
}
```

Border

The CSS property to change the border of an element to Hex 0A4256 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
#0A4256 }
```

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

```
.border{ border-color:#0A4256 }
```

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

Here you see how a box with a 4 pixel #0A4256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A4256; -webkit-box-shadow:4px 4px  
4px 4px #0A4256; box-shadow:4px 4px 4px  
4px #0A4256 }
```

Background

The CSS property to change the background color of an element to Hex 0A4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A4256 }
```

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

```
.background{ background-color:#0A4256 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor