

Converting Colors

Hex(096A66)

Have a look what the booklet for
Hex(096A66) contains.

Hex(096A66)	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(096A66)

Conversions

Conversions Part 1

Format	Color
Hex	096A66
RGB	9, 106, 102
RGB Percent	4%, 42%, 40%
CMY	0.9647, 0.5843, 0.6000
CMYK	0.92, 0.00, 0.04, 0.58
HSL	178°, 84%, 23%
HSV	178°, 92%, 42%
XYZ	7.6650, 11.3255, 14.3524
YIQ	76.5410, -56.5280, -21.8080

Conversions

Conversions Part 2

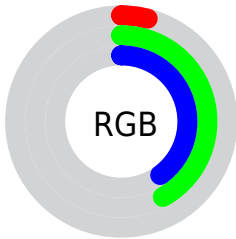
Format	Color
RYB	9, 59, 106
Decimal	617062
CIELab	40.12, -25.89, -5.02
CIELCh	40, 26.373, 190.975
Yxy	11.3255, 0.2299, 0.3397
Android (android.graphics.Color)	4278807142 (0xFF096A66)
YUV	76.5410, 12.5513, -59.2335
Hunter-Lab	33.6533, -18.2377, -1.7286

Details

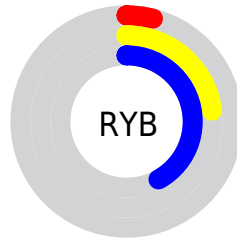
The Hex color **096A66** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A090D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4D9E99**, and **003A37** is the 20% darker color. If you saturate the color by 10%, you get **006A66**, and if you desaturate by 10%, it is **146A66**.

Distribution



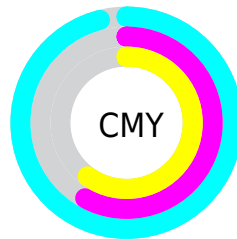
- Red (4%)
- Green (42%)
- Blue (40%)



- Red (4%)
- Yellow (23%)
- Blue (42%)



- Cyan (92%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 096A66 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 096A66 by changing the saturation by 10% instead.



096A66



096A66

FFFFFF



00514E



4D9E99



003A37



69B9B4



002422



84D5CF



00010C



A0F1EB



000000



BDFFFF



D9FFFF



F7FFFF



096A66



096A66

■ 006A66

■ 146A66

■ 1E6A67

■ 296A67

■ 336A68

■ 3E6A68

■ 496A69

■ 536A69

■ 5E6A69

■ 686A6A

Harmonies

Analogous

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



316950



096A66



00697A

Triad

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



096A66



6B567F



785836

Complementary

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



096A66



6A090D

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.



855143



096A66



804F6D

Square

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



096A66



4C5E89



884E57



656034

Rectangle

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



096A66



116684



884E57



7D5639

Sweetspot

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



096A66



658A88



0E6A09



2F4544



C4C4C4



454545

Same Dimension

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



096A66



008A84



093E6A



303635



007570



00F5EB

Inverse Universe

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



6A090D



8A0006



6A3509



363030



750005



F5000A

Previews

White Background



This preview shows how the Hex color 096A66 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

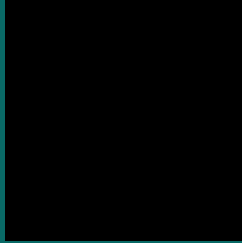
Any Text WCAG AA × Fail

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 096A66 Background



This preview shows how black text looks on a background with the Hex color 096A66.

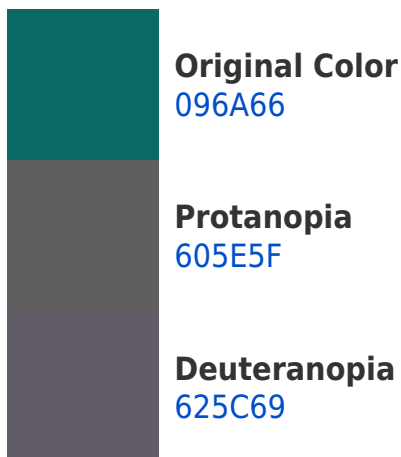



This preview shows how white text looks on a background with the Hex color 096A66.

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](#).

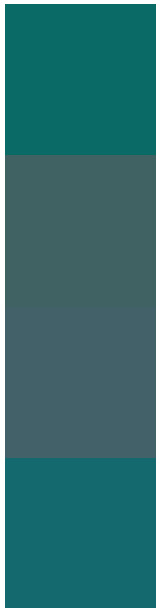
Dichromacy





Tritanopia
186871

Trichromacy



Original Color
096A66

Protanomaly
406262

Deuteranomaly
426168

Tritanomaly
13696D

Monochromacy



Original Color
096A66

Achromatopsia
4D4D4D

Achromatomaly
345856

CSS Examples

Text

The CSS property to change the color of the text to Hex 096A66 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 #096A66 looks like.

```
.text, #text, p{  
    color:#096A66  
}
```

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 #096A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096A66
}
```

Border

The CSS property to change the border of an element to Hex 096A66 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
#096A66 }
```

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

```
.border{ border-color:#096A66 }
```

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

Here you see how a box with a 4 pixel #096A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096A66; -webkit-box-shadow:4px 4px  
4px 4px #096A66; box-shadow:4px 4px 4px  
4px #096A66 }
```

Background

The CSS property to change the background color of an element to Hex 096A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096A66 }
```

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

```
.background{ background-color:#096A66 }
```

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