

Converting Colors

Hex(096554)

Have a look what the booklet for
Hex(096554) contains.

Hex(096554)	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(096554)

Conversions

Conversions Part 1

Format	Color
Hex	096554
RGB	9, 101, 84
RGB Percent	4%, 40%, 33%
CMY	0.9647, 0.6039, 0.6706
CMYK	0.91, 0.00, 0.17, 0.60
HSL	169°, 84%, 22%
HSV	169°, 91%, 40%
XYZ	6.3666, 10.0055, 9.9832
YIQ	71.5540, -49.3750, -24.7910

Conversions

Conversions Part 2

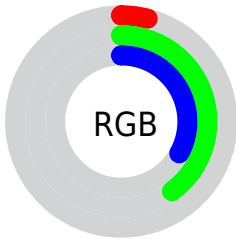
Format	Color
R_{YB}	9, 60, 101
Decimal	615764
CIE _{Lab}	37.85, -29.06, 2.66
CIE _{LCh}	38, 29.183, 174.762
Yxy	10.0055, 0.2416, 0.3796
Android (android.graphics.Color)	4278805844 (0xFF096554)
YUV	71.5540, 6.1359, -54.8599
Hunter-Lab	31.6315, -19.4279, 3.4296

Details

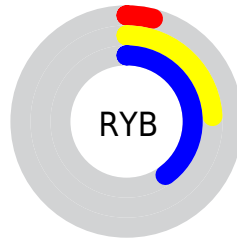
The Hex color **096554** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65091A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4A9985**, and **003527** is the 20% darker color. If you saturate the color by 10%, you get **006552**, and if you desaturate by 10%, it is **136556**.

Distribution



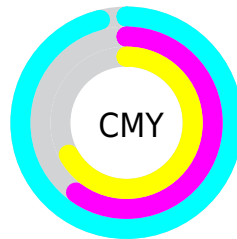
- Red (4%)
- Green (40%)
- Blue (33%)



- Red (4%)
- Yellow (24%)
- Blue (40%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 096554 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 096554 by changing the saturation by 10% instead.

 096554

 096554

FFFFFF

 004D3D

 4A9985

 003527

 65B4A0

 002113

 80CFBB

 000000

 9CECD6

 B8FFF3

 D5FFFF

 F2FFFF

 096554

 096554

■ 006552

■ 136556

■ 1D6558

■ 27655A

■ 31655B

■ 3B655D

■ 46655F

■ 506561

■ 5A6563

■ 646565

Harmonies

Analogous

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



38633D



096554



00656C

Triad

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



096554



555584



7D4E33

Complementary

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



096554



65091A

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.



864747



096554



724C75

Square

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



096554



285D88



83465E



6B5629

Rectangle

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



096554



00647A



83465E



814B39

Sweetspot

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



096554



5F827C



1B6509



2D423E



C2C2C2



424242

Same Dimension

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



096554



00826A



094965



2E3332



00735E



00F2C5

Inverse Universe

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



65091A



820018



652509



332E2F



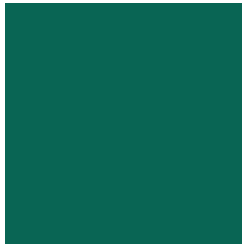
730015



F2002D

Previews

White Background



This preview shows how the Hex color 096554 looks on a white background.

Color Contrast Check

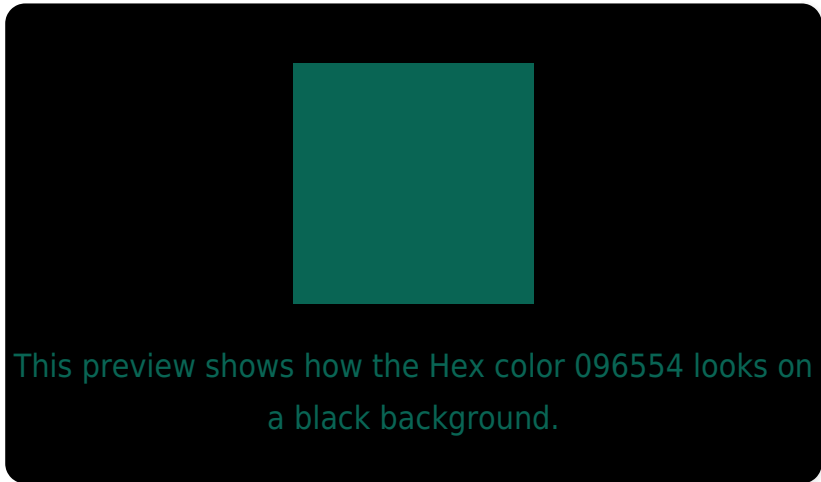
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

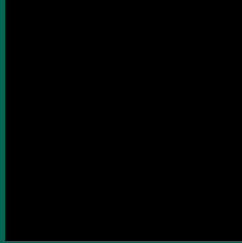
Any Text WCAG AA × Fail

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 096554 Background



This preview shows how black text looks on a background with the Hex color 096554.



This preview shows how white text looks on a background with the Hex color 096554.

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
096554

Protanopia
5D594E

Deuteranopia
625657



Tritanopia
1E626A

Trichromacy



Original Color
096554

Protanomaly
3E5D50

Deuteranomaly
425B56

Tritanomaly
166362

Monochromacy



Original Color
096554

Achromatopsia
484848

Achromatomaly
31534C

CSS Examples

Text

The CSS property to change the color of the text to Hex 096554 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 #096554 looks like.

```
.text, #text, p{  
    color:#096554  
}
```

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 #096554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #096554
}
```

Border

The CSS property to change the border of an element to Hex 096554 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
#096554 }
```

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

```
.border{ border-color:#096554 }
```

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

Here you see how a box with a 4 pixel #096554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #096554; -webkit-box-shadow:4px 4px  
4px 4px #096554; box-shadow:4px 4px 4px  
4px #096554 }
```

Background

The CSS property to change the background color of an element to Hex 096554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#096554 }
```

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

```
.background{ background-color:#096554 }
```

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