

# Converting Colors

Hex(097A3D)

Have a look what the booklet for  
Hex(097A3D) contains.

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# Color

**Hex(097A3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	097A3D
RGB	9, 122, 61
RGB Percent	4%, 48%, 24%
CMY	0.9647, 0.5216, 0.7608
CMYK	0.93, 0.00, 0.50, 0.52
HSL	148°, 86%, 26%
HSV	148°, 93%, 48%
XYZ	7.9145, 14.3141, 6.7606
YIQ	81.2590, -47.7670, -42.9270

# Conversions

## Conversions Part 2

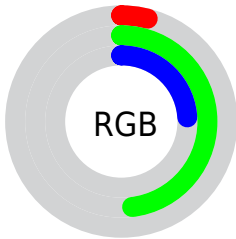
Format	Color
<a href="#">RYB</a>	<a href="#">9, 86, 122</a>
Decimal	<a href="#">621117</a>
CIELab	<a href="#">44.68, -43.21, 25.42</a>
CIELCh	<a href="#">45, 50.137, 149.529</a>
Yxy	<a href="#">14.3141, 0.2730, 0.4938</a>
Android (android.graphics.Color)	<a href="#">4278811197</a> ( <a href="#">0xFF097A3D</a> )
YUV	<a href="#">81.2590, -9.9877, -63.3711</a>
Hunter-Lab	<a href="#">37.8339, -28.8689, 15.8891</a>

# Details

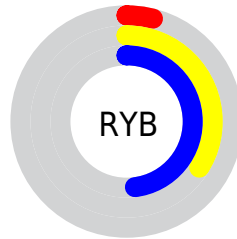
The Hex color **097A3D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A0946**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **4FAF6E**, and **004810** is the 20% darker color. If you saturate the color by 10%, you get **007A38**, and if you desaturate by 10%, it is **157A44**.

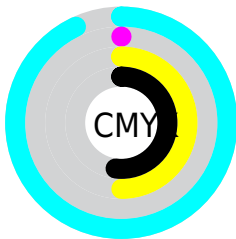
# Distribution



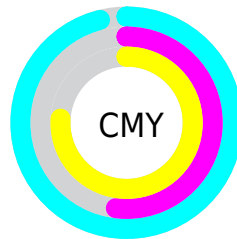
- Red (4%)
- Green (48%)
- Blue (24%)



- Red (4%)
- Yellow (34%)
- Blue (48%)



- Cyan (93%)
- Magenta (0%)
- Yellow (50%)
- Black (52%)



- Cyan (96%)
- Magenta (52%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 097A3D 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 097A3D by changing the saturation by 10% instead.



 097A3D

 097A3D

FFFFFF

 006026

 4FAF6E

 004810

 6CCB87

 003000

 88E8A2

 001900

 A4FFBD

 000000

 C0FFD9

 DDFFF5

 FBFFFF

 097A3D

 097A3D

■ 007A38

■ 157A44

■ 217A4A

■ 2E7A51

■ 3A7A57

■ 467A5E

■ 527A65

■ 5E7A6B

■ 6B7A72

■ 777A78

# Harmonies

## Analogous

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



557318



097A3D



007D68

# Triad

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



097A3D



006FBD



B24643

# Complementary

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



097A3D



7A0946

# 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.



B2406C



097A3D



675FB3

# Square

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



097A3D



0079B1



9B4C95



9F5720

# Rectangle

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



097A3D



007D84



9B4C95



B54350



# Sweetspot

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



097A3D



729E86



477A09



344F41



CFCFCF



4F4F4F



# Same Dimension

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



097A3D



009E49



097A74



373D3A



007D39



00FC74



# Inverse Universe

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



7A0946



9E0055



7A090F



3D373A



7D0043

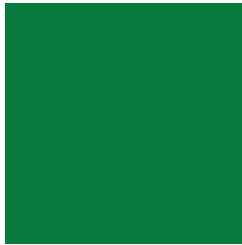


FC0088



# Previews

## White Background



This preview shows how the Hex color 097A3D looks on a white background.

## Color Contrast Check

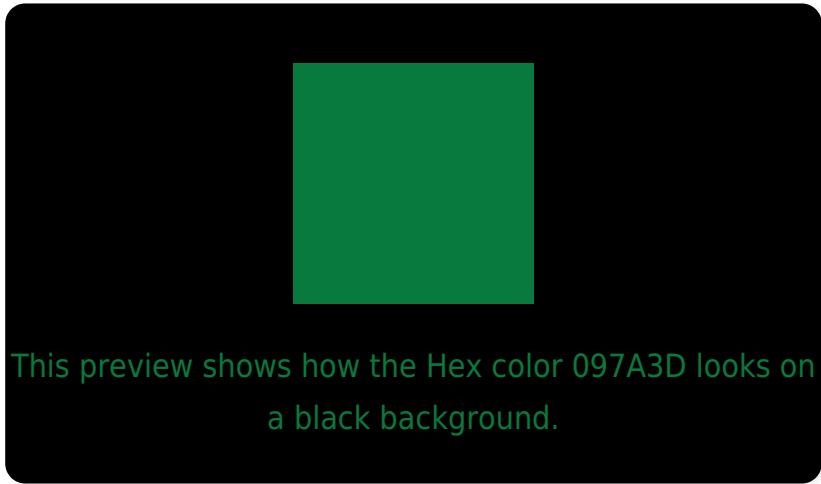
Large Text (above 18pt) WCAG AA ✓ Pass

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 097A3D Background



This preview shows how black text looks on a background with the Hex color 097A3D.



This preview shows how white text looks on a background with the Hex color 097A3D.

# 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**  
097A3D

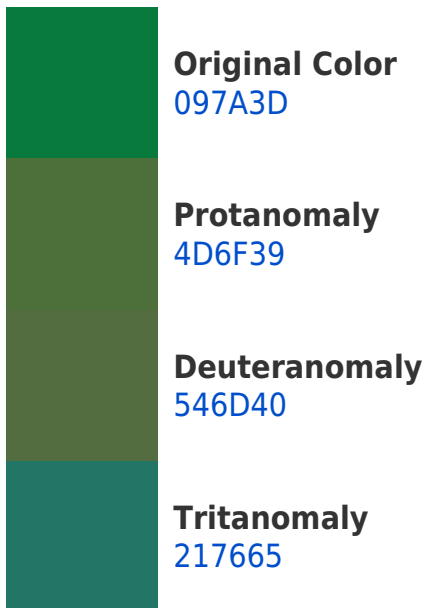
**Protanopia**  
746937

**Deuteranopia**  
7F6542

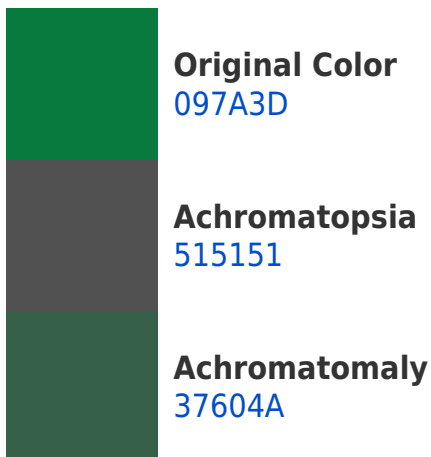


**Tritanopia**  
2F737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 097A3D 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 #097A3D looks like.

```
.text, #text, p{  
    color:#097A3D  
}
```

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 #097A3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #097A3D
}
```

## Border

The CSS property to change the border of an element to Hex 097A3D 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
#097A3D }
```

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

```
.border{ border-color:#097A3D }
```

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

Here you see how a box with a 4 pixel #097A3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #097A3D; -webkit-box-shadow:4px 4px  
4px 4px #097A3D; box-shadow:4px 4px 4px  
4px #097A3D }
```

# Background

The CSS property to change the background color of an element to Hex 097A3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#097A3D }
```

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

```
.background{ background-color:#097A3D }
```

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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