

# Converting Colors

Hex(093C37)

Have a look what the booklet for  
Hex(093C37) contains.

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# Color

Hex(093C37)

# Conversions

## Conversions Part 1

Format	Color
Hex	093C37
RGB	9, 60, 55
RGB Percent	4%, 24%, 22%
CMY	0.9647, 0.7647, 0.7843
CMYK	0.85, 0.00, 0.08, 0.76
HSL	174°, 74%, 14%
HSV	174°, 85%, 24%
XYZ	2.4181, 3.5656, 4.1752
YIQ	44.1810, -28.7910, -12.3670

# Conversions

## Conversions Part 2

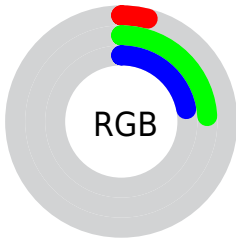
Format	Color
<a href="#">RYB</a>	9, 36, 60
Decimal	605239
CIELab	22.18, -17.51, -1.62
CIELCh	22, 17.588, 185.269
Yxy	3.5656, 0.2380, 0.3510
Android (android.graphics.Color)	4278795319 (0xFF093C37)
YUV	44.1810, 5.3338, -30.8537
Hunter-Lab	18.8829, -10.1867, 0.1083

# Details

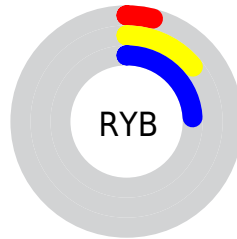
The Hex color **093C37** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C090E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **3D6C66**, and **000F0B** is the 20% darker color. If you saturate the color by 10%, you get **033C36**, and if you desaturate by 10%, it is **0F3C38**.

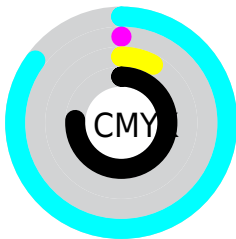
# Distribution



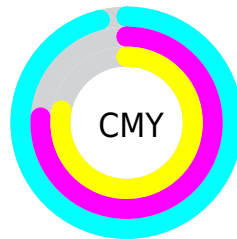
- Red (4%)
- Green (24%)
- Blue (22%)



- Red (4%)
- Yellow (14%)
- Blue (24%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (76%)



- Cyan (96%)
- Magenta (76%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 093C37 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 093C37 by changing the saturation by 10% instead.



 093C37

 093C37

 F9FFFF

 002622

 3D6C66

 000F0B

 56857F

 000000

 709F99

 8ABAB3

 A5D6CF

 C0F3EB

 DCFFFF

 093C37

 093C37

■ 033C36

■ 0F3C38

■ 003C36

■ 153C38

■ 1B3C39

■ 213C39

■ 273C3A

■ 2D3C3B

■ 333C3B

■ 393C3C

■ 3F3C3C

# Harmonies

## Analogous

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



1D3B2A



093C37



003B44

# Triad

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



093C37



3A314A



46311E

# Complementary

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



093C37



3C090E

# 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.



4D2C27



093C37



472D40

# Square

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



093C37



26364F



4E2B33



3B351B

# Rectangle

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



093C37



033A4A



4E2B33



492F20



# Sweetspot

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



093C37



3A4F4D



0E3C09



1C2928



A8A8A8



292929



# Same Dimension

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



093C37



004F47



09283C



1C1F1E



005E55



00DEC8



# Inverse Universe

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



3C090E



4F0008



3C1D09



1F1C1C



5E0009



DE0016



# Previews

## White Background



This preview shows how the Hex color 093C37 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

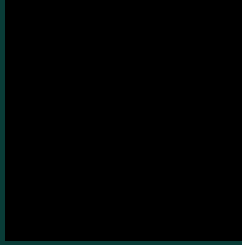
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 093C37 Background



This preview shows how black text looks on a background with the Hex color 093C37.

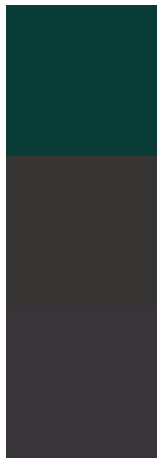


This preview shows how white text looks on a background with the Hex color 093C37.

# 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](#).

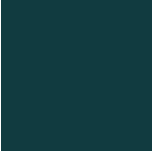
## Dichromacy



**Original Color**  
093C37

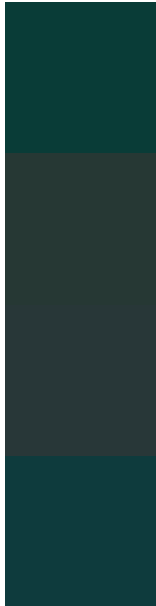
**Protanopia**  
373533

**Deuteranopia**  
393439



**Tritanopia**  
113B40

# Trichromacy



**Original Color**  
093C37

**Protanomaly**  
263834

**Deuteranomaly**  
283738

**Tritanomaly**  
0E3B3D

# Monochromacy



**Original Color**  
093C37

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
1F3230

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 093C37 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 #093C37 looks like.

```
.text, #text, p{  
    color:#093C37  
}
```

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 #093C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093C37
}
```

## Border

The CSS property to change the border of an element to Hex 093C37 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
#093C37 }
```

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

```
.border{ border-color:#093C37 }
```

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

Here you see how a box with a 4 pixel #093C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093C37; -webkit-box-shadow:4px 4px  
4px 4px #093C37; box-shadow:4px 4px 4px  
4px #093C37 }
```

# Background

The CSS property to change the background color of an element to Hex 093C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093C37 }
```

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

```
.background{ background-color:#093C37 }
```

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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