

# Converting Colors

Hex(093E60)

Have a look what the booklet for  
Hex(093E60) contains.

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# Color

**Hex(093E60)**

# Conversions

## Conversions Part 1

Format	Color
Hex	093E60
RGB	9, 62, 96
RGB Percent	4%, 24%, 38%
CMY	0.9647, 0.7569, 0.6235
CMYK	0.91, 0.35, 0.00, 0.62
HSL	203°, 83%, 21%
HSV	203°, 91%, 38%
XYZ	3.9466, 4.3479, 11.6975
YIQ	50.0290, -42.5020, -0.6620

# Conversions

## Conversions Part 2

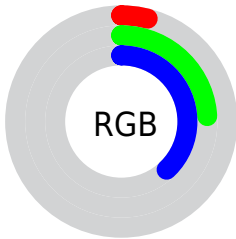
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">9, 42, 96</a>
Decimal	<a href="#">605792</a>
CIELab	<a href="#">24.79, -2.68, -24.75</a>
CIELCh	<a href="#">25, 24.894, 263.827</a>
Yxy	<a href="#">4.3479, 0.1974, 0.2175</a>
Android (android.graphics.Color)	<a href="#">4278795872</a> (0xFF093E60)
YUV	<a href="#">50.0290, 22.6637, -35.9824</a>
Hunter-Lab	<a href="#">20.8515, -2.7051, -18.6652</a>

# Details

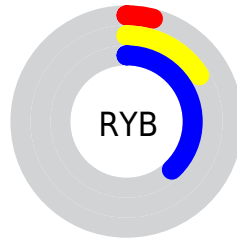
The Hex color **093E60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **602B09**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **466D93**, and **001431** is the 20% darker color. If you saturate the color by 10%, you get **003A60**, and if you desaturate by 10%, it is **134260**.

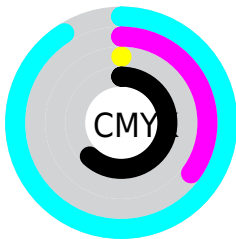
# Distribution



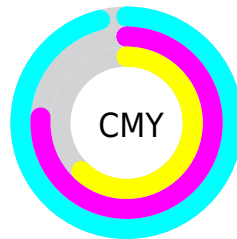
- Red (4%)
- Green (24%)
- Blue (38%)



- Red (4%)
- Yellow (16%)
- Blue (38%)



- Cyan (91%)
- Magenta (35%)
- Yellow (0%)
- Black (62%)



- Cyan (96%)
- Magenta (76%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 093E60 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 093E60 by changing the saturation by 10% instead.



093E60

093E60

FFFFFF

002848

466D93

001431

6087AD

00021C

7BA1C9

000000

96BCE5

B2D7FF

CEF4FF

EBFFFF

093E60

093E60

■ 003A60

■ 134260

■ 1C4660

■ 264960

■ 2F4D60

■ 395160

■ 435560

■ 4C5860

■ 565C60

■ 5F6060

# Harmonies

## Analogous

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



004259



093E60



36375D

# Triad

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



093E60



5E2C2D



204224

# Complementary

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



093E60



602B09

# 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.



373E17



093E60



57321D

# Square

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



093E60



5B2B40



493814



004436

# Rectangle

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



093E60



473256



493814



28411F



# Sweetspot

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



093E60



5B707D



09602A



2B3840



BFBFBF



404040



# Same Dimension

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



093E60



004C7D



091360



2C2F30



004470



0092F0



# Inverse Universe

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



60093E



7D004C



605609



302C2F



700044



F00092



# Previews

## White Background



This preview shows how the Hex color 093E60 looks on a white background.

## Color Contrast Check

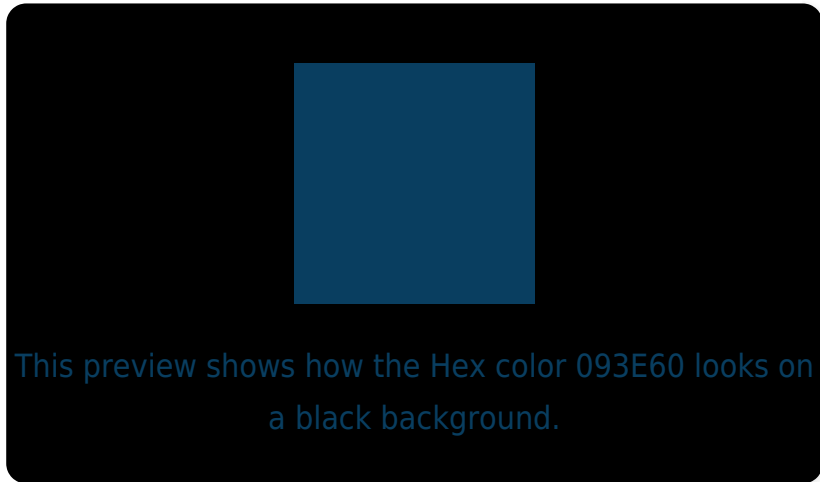
Large Text (above 18pt) WCAG AA ✓ Pass

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

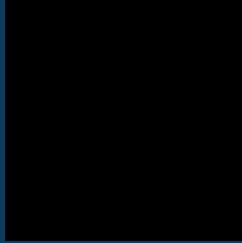
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 093E60 Background



This preview shows how black text looks on a background with the Hex color 093E60.



This preview shows how white text looks on a background with the Hex color 093E60.

# 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**  
093E60

**Protanopia**  
2E3A5C

**Deuteranopia**  
243B61

# Trichromacy



**Original Color**  
093E60

**Protanomaly**  
213B5D

**Deuteranomaly**  
1A3C61

# Monochromacy



**Original Color**  
093E60

**Achromatopsia**  
323232

**Achromatomaly**  
233643

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 093E60 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 #093E60 looks like.

```
.text, #text, p{  
    color:#093E60  
}
```

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 #093E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093E60  
}
```

## Border

The CSS property to change the border of an element to Hex 093E60 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  
#093E60 }
```

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

```
.border{ border-color:#093E60 }
```

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

Here you see how a box with a 4 pixel #093E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093E60; -webkit-box-shadow:4px 4px  
4px 4px #093E60; box-shadow:4px 4px 4px  
4px #093E60 }
```

# Background

The CSS property to change the background color of an element to Hex 093E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093E60 }
```

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

```
.background{ background-color:#093E60 }
```

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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