

Converting Colors

Hex(093745)

Have a look what the booklet for
Hex(093745) contains.

Hex(093745)	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(093745)

Conversions

Conversions Part 1

Format	Color
Hex	093745
RGB	9, 55, 69
RGB Percent	4%, 22%, 27%
CMY	0.9647, 0.7843, 0.7294
CMYK	0.87, 0.20, 0.00, 0.73
HSL	194°, 77%, 15%
HSV	194°, 87%, 27%
XYZ	2.5530, 3.2201, 6.1172
YIQ	42.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

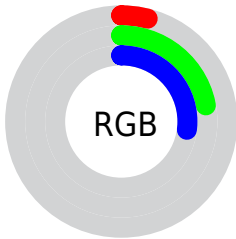
Format	Color
R_{YB}	9, 35, 69
Decimal	603973
CIE _{Lab}	20.90, -9.33, -12.97
CIE _{LCh}	21, 15.978, 234.271
Yxy	3.2201, 0.2147, 0.2708
Android (android.graphics.Color)	4278794053 (0xFF093745)
YUV	42.8420, 12.8959, -29.6794
Hunter-Lab	17.9447, -6.0077, -7.6502

Details

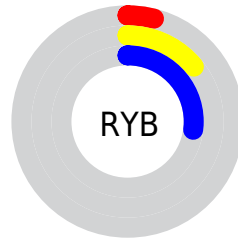
The Hex color **093745** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **451709**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **3F6675**, and **00081A** is the 20% darker color. If you saturate the color by 10%, you get **023545**, and if you desaturate by 10%, it is **103945**.

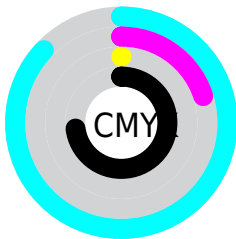
Distribution



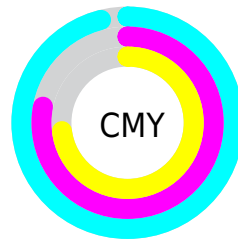
- Red (4%)
- Green (22%)
- Blue (27%)



- Red (4%)
- Yellow (14%)
- Blue (27%)



- Cyan (87%)
- Magenta (20%)
- Yellow (0%)
- Black (73%)



- Cyan (96%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093745 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 093745 by changing the saturation by 10% instead.

 093745

 093745

 FCFFFF

 00222F

 3F6675

 00081A

 587F8F

 000000

 7199A9

 8CB4C5

 A7CFE1

 C3EBFD

 DFFFFF

 093745

 093745

■ 023545

■ 103945

■ 003545

■ 173A45

■ 1E3C45

■ 253D45

■ 2B3F45

■ 324145

■ 394245

■ 404445

■ 474545

Harmonies

Analogous

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



05383C



093745



1D3449

Triad

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



093745



472935



30341C

Complementary

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



093745



451709

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.



3C311B



093745



492A29

Square

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



093745



3F2C40



452D20



233724

Rectangle

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



093745



2A3149



452D20



34331B

Sweetspot

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



093745



425459



094517



202B2E



ADADAD



2E2E2E

Same Dimension

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



093745



004459



091945



202324



004C63



00AEE3

Inverse Universe

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



450937



590044



453509



242023



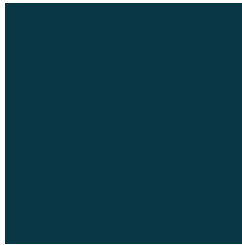
63004C



E300AE

Previews

White Background



This preview shows how the Hex color 093745 looks on a white background.

Color Contrast Check

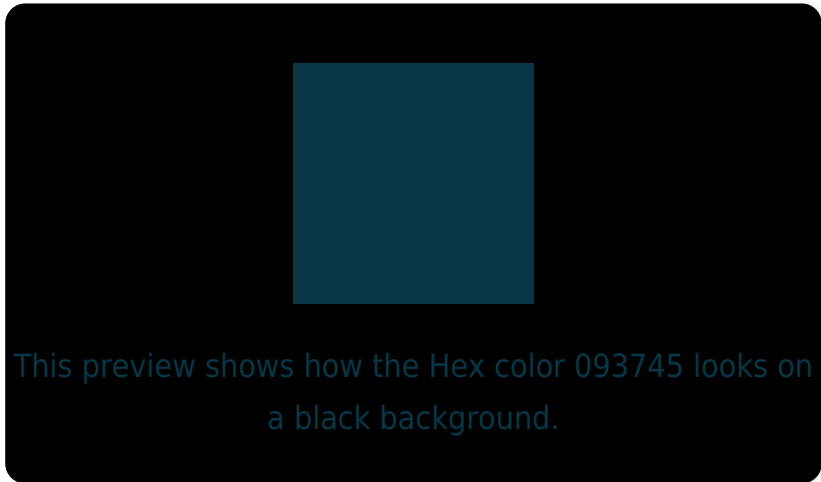
Large Text (above 18pt) WCAG AA ✓ Pass

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

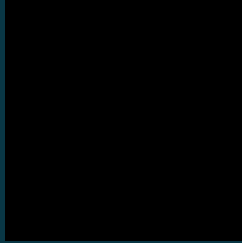
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

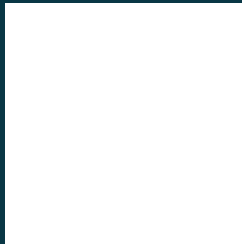
Any Text WCAG AAA × Fail

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

Hex 093745 Background



This preview shows how black text looks on a background with the Hex color 093745.



This preview shows how white text looks on a background with the Hex color 093745.

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
093745

Protanopia
2E3241

Deuteranopia
2C3246

Trichromacy



Original Color
093745

Protanomaly
213442

Deuteranomaly
1F3446

Tritanomaly
033840

Monochromacy



Original Color
093745

Achromatopsia
2B2B2B

Achromatomaly
1F2F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 093745 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 #093745 looks like.

```
.text, #text, p{  
    color:#093745  
}
```

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 #093745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093745
}
```

Border

The CSS property to change the border of an element to Hex 093745 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".

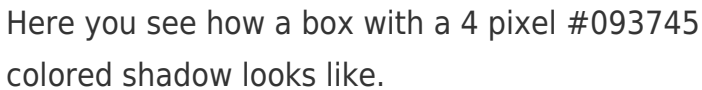
```
.border, #border, table{ border:4px solid
#093745 }
```

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

```
.border{ border-color:#093745 }
```

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

Here you see how a box with a 4 pixel #093745 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093745; -webkit-box-shadow:4px 4px  
4px 4px #093745; box-shadow:4px 4px 4px  
4px #093745 }
```

Background

The CSS property to change the background color of an element to Hex 093745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093745 }
```

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

```
.background{ background-color:#093745 }
```

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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