

# Converting Colors

Hex(093416)

Have a look what the booklet for  
Hex(093416) contains.

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# Color

**Hex(093416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	093416
RGB	9, 52, 22
RGB Percent	4%, 20%, 9%
CMY	0.9647, 0.7961, 0.9137
CMYK	0.83, 0.00, 0.58, 0.80
HSL	138°, 70%, 12%
HSV	138°, 83%, 20%
XYZ	1.4855, 2.5720, 1.1772
YIQ	35.7230, -15.9980, -18.4460

# Conversions

## Conversions Part 2

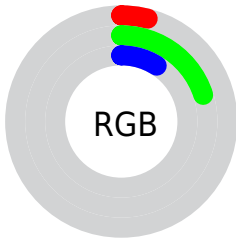
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 42, 52
Decimal	603158
CIE <sub>Lab</sub>	18.24, -22.58, 14.81
CIE <sub>LCh</sub>	18, 27.005, 146.737
Yxy	2.5720, 0.2838, 0.4913
Android (android.graphics.Color)	4278793238 (0xFF093416)
YUV	35.7230, -6.7654, -23.4361
Hunter-Lab	16.0374, -11.5319, 6.8741

# Details

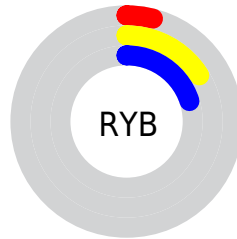
The Hex color **093416** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340927**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3A6341**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **043412**, and if you desaturate by 10%, it is **0E341A**.

# Distribution



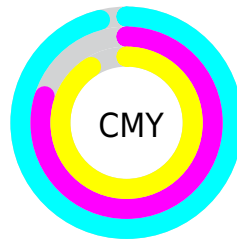
- Red (4%)
- Green (20%)
- Blue (9%)



- Red (4%)
- Yellow (16%)
- Blue (20%)



- Cyan (83%)
- Magenta (0%)
- Yellow (58%)
- Black (80%)



- Cyan (96%)
- Magenta (80%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 093416 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 093416 by changing the saturation by 10% instead.



 093416

 093416

 F3FFF9

 001F00

 3A6341

 000000

 527C59

 6B9671

 85B18B

 9FCDA5

 BBE9C0

 D7FFDC

 093416

 093416

■ 043412

■ 0E341A

■ 003410

■ 13341D

■ 193421

■ 1E3425

■ 233428

■ 28342C

■ 2D342F

■ 333433

■ 383437

# Harmonies

## Analogous

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



263104



093416



00362A

# Triad

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



093416



002F53



4F1C1C

# Complementary

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



093416



340927

# 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.



4E1A2F



093416



29284F

# Square

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



093416



00344D



422042



47230A

# Rectangle

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



093416



003637



422042



501A22



# Sweetspot

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



093416



344539



273409



19241C



A3A3A3



242424



# Same Dimension

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



093416



014515



09342B



171A18



00591B



00D942



# Inverse Universe

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



340927



450130



340912



1A1719



59003E

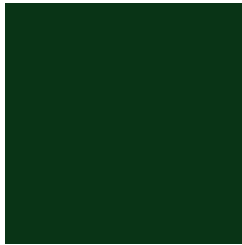


D90097



# Previews

## White Background



This preview shows how the Hex color 093416 looks on a white background.

## Color Contrast Check

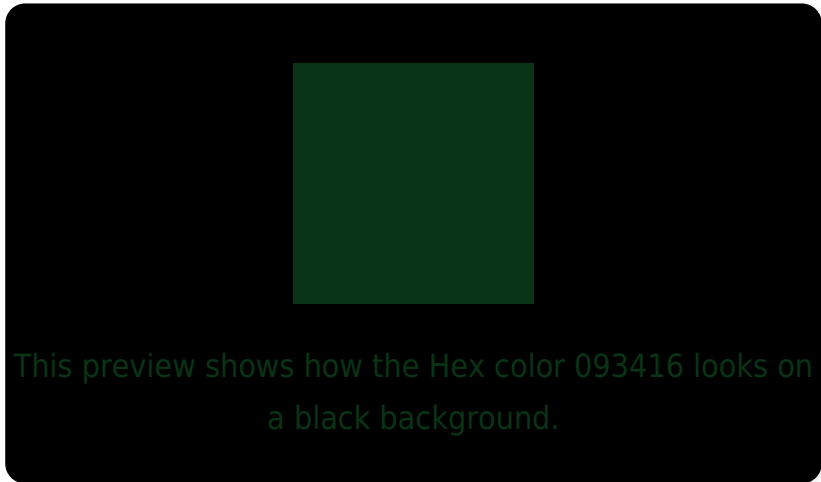
Large Text (above 18pt) WCAG AA ✓ Pass

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

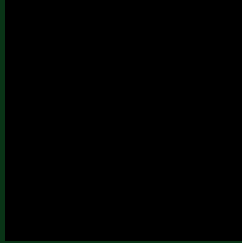
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 093416 Background



This preview shows how black text looks on a background with the Hex color 093416.



This preview shows how white text looks on a background with the Hex color 093416.

# 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**  
093416

**Protanopia**  
322D14

**Deuteranopia**  
372B19



**Tritanopia**  
163135

# Trichromacy



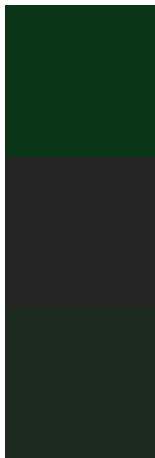
**Original Color**  
093416

**Protanomaly**  
233015

**Deuteranomaly**  
262E18

**Tritanomaly**  
11322A

# Monochromacy



**Original Color**  
093416

**Achromatopsia**  
242424

**Achromatomaly**  
1A2A1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 093416 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 #093416 looks like.

```
.text, #text, p{  
    color:#093416  
}
```

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 #093416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093416
}
```

## Border

The CSS property to change the border of an element to Hex 093416 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".

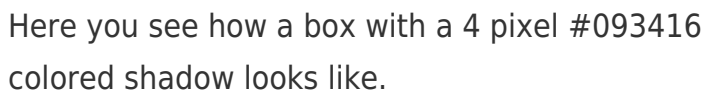
```
.border, #border, table{ border:4px solid
#093416 }
```

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

```
.border{ border-color:#093416 }
```

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

Here you see how a box with a 4 pixel #093416 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093416; -webkit-box-shadow:4px 4px  
4px 4px #093416; box-shadow:4px 4px 4px  
4px #093416 }
```

# Background

The CSS property to change the background color of an element to Hex 093416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093416 }
```

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

```
.background{ background-color:#093416 }
```

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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