

Converting Colors

Hex(093500)

Have a look what the booklet for
Hex(093500) contains.

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Color

Hex(093500)

Conversions

Conversions Part 1

Format	Color
Hex	093500
RGB	9, 53, 0
RGB Percent	4%, 21%, 0%
CMY	0.9647, 0.7922, 1.0000
CMYK	0.83, 0.00, 1.00, 0.79
HSL	110°, 100%, 10%
HSV	110°, 100%, 21%
XYZ	1.3858, 2.6043, 0.4296
YIQ	33.8020, -9.2110, -25.8110

Conversions

Conversions Part 2

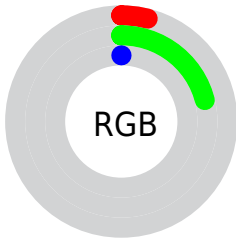
Format	Color
RYB	0, 53, 44
Decimal	603392
CIELab	18.38, -26.06, 25.55
CIELCh	18, 36.495, 135.563
Yxy	2.6043, 0.3135, 0.5892
Android (android.graphics.Color)	4278793472 (0xFF093500)
YUV	33.8020, -16.6644, -21.7514
Hunter-Lab	16.1378, -12.9133, 9.7180

Details

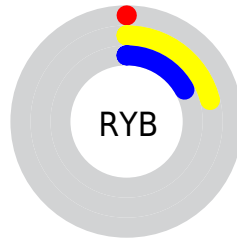
The Hex color **093500** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0035**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **3A642F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **093500**, and if you desaturate by 10%, it is **0D3505**.

Distribution



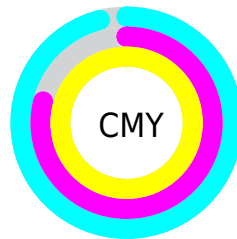
- Red (4%)
- Green (21%)
- Blue (0%)



- Red (0%)
- Yellow (21%)
- Blue (17%)



- Cyan (83%)
- Magenta (0%)
- Yellow (100%)
- Black (79%)



- Cyan (96%)
- Magenta (79%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 093500 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 093500 by changing the saturation by 10% instead.

 093500

 093500

 F6FFE4

 002100

 3A642F

 000000

 537E46

 6C985E

 86B377

 A1CE91

 BDEAAC

 D9FFC8

 093500

■ 0D3505

■ 12350B

■ 163510

■ 1B3515

■ 1F351B

■ 233520

■ 283525

■ 2C352A

■ 313530

Harmonies

Analogous

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



2C3000



093500



00381F

Triad

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



093500



003460



5B0D20

Complementary

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



093500



2C0035

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.



55103B



093500



002B60

Square

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



093500



003752



3F1E52



531A04

Rectangle

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



093500



003831



3F1E52



5A0C29

Sweetspot

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



093500



344530



352B00



192417



A3A3A3



242424

Same Dimension

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



093500



0C4500



003511



171A17



0F5900



25D900

Inverse Universe

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



2C0035



390045



350024



19171A



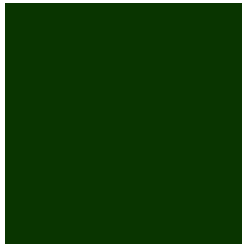
4A0059



B400D9

Previews

White Background



This preview shows how the Hex color 093500 looks on a white background.

Color Contrast Check

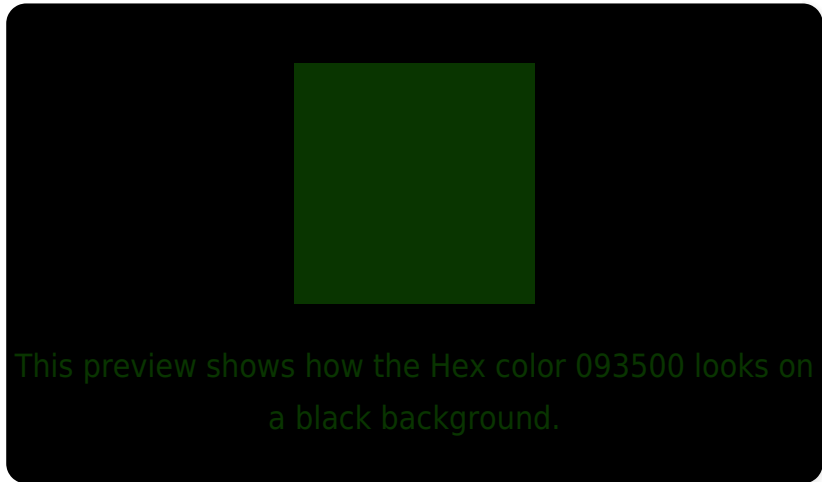
Large Text (above 18pt) WCAG AA ✓ Pass

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

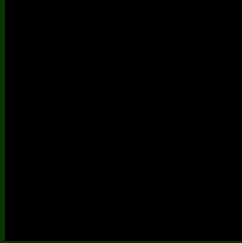
Any Text WCAG AA × Fail

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 093500 Background



This preview shows how black text looks on a background with the Hex color 093500.



This preview shows how white text looks on a background with the Hex color 093500.

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
093500

Protanopia
332E00

Deuteranopia
392B0B



Tritanopia
183135

Trichromacy



Original Color
093500

Protanomaly
243100

Deuteranomaly
282F07

Tritanomaly
133222

Monochromacy



Original Color
093500

Achromatopsia
222222

Achromatomaly
192916

CSS Examples

Text

The CSS property to change the color of the text to Hex 093500 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 #093500 looks like.

```
.text, #text, p{  
    color:#093500  
}
```

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 #093500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #093500
}
```

Border

The CSS property to change the border of an element to Hex 093500 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".

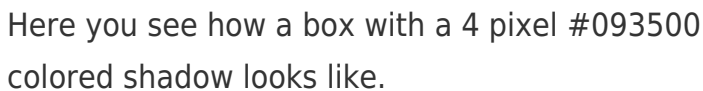
```
.border, #border, table{ border:4px solid
#093500 }
```

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

```
.border{ border-color:#093500 }
```

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

Here you see how a box with a 4 pixel #093500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #093500; -webkit-box-shadow:4px 4px  
4px 4px #093500; box-shadow:4px 4px 4px  
4px #093500 }
```

Background

The CSS property to change the background color of an element to Hex 093500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#093500 }
```

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

```
.background{ background-color:#093500 }
```

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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