

# Converting Colors

Hex(095816)

Have a look what the booklet for  
Hex(095816) contains.

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# Color

Hex(095816)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	095816
RGB	9, 88, 22
RGB Percent	4%, 35%, 9%
CMY	0.9647, 0.6549, 0.9137
CMYK	0.90, 0.00, 0.75, 0.65
HSL	130°, 81%, 19%
HSV	130°, 90%, 35%
XYZ	3.7472, 7.0955, 1.9311
YIQ	56.8550, -25.8980, -37.2740

# Conversions

## Conversions Part 2

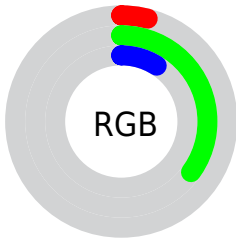
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 77, 88
Decimal	612374
CIE <sub>Lab</sub>	32.02, -36.82, 30.64
CIE <sub>LCh</sub>	32, 47.904, 140.235
Yxy	7.0955, 0.2934, 0.5555
Android (android.graphics.Color)	4278802454 (0xFF095816)
YUV	56.8550, -17.1835, -41.9688
Hunter-Lab	26.6373, -21.5048, 14.3478

# Details

The Hex color **095816** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **58094B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **468B45**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **00580F**, and if you desaturate by 10%, it is **12581D**.

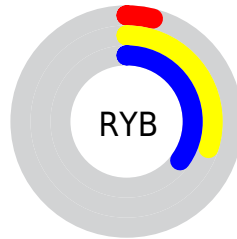
# Distribution



Red (4%)

Green (35%)

Blue (9%)



Red (4%)

Yellow (30%)

Blue (35%)

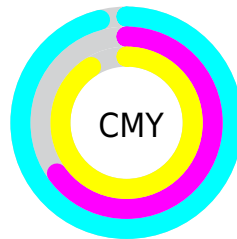


Cyan (90%)

Magenta (0%)

Yellow (75%)

Black (65%)



Cyan (96%)

Magenta (65%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 095816 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 095816 by changing the saturation by 10% instead.



 095816

 095816

FFFFFF

 004000

 468B45

 002A00

 60A65D

 000D00

 7BC177

 000000

 96DD91

 B2FAAC

 CEFFC7

 EBF FE3

 095816

 095816

■ 00580F

■ 12581D

■ 00580E

■ 1B5825

■ 23582C

■ 2C5833

■ 35583B

■ 3E5842

■ 475849

■ 4F5851

■ 585858

# Harmonies

## Analogous

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



445100



095816



005B3D

# Triad

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



095816



005396



8D2334

# Complementary

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



095816



58094B

# 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.



882259



095816



2C4793

# Square

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



095816



005A85



6C347C



803410

# Rectangle

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



095816



005C58



6C347C



8D2040



# Sweetspot

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



095816



547359



4C5809



283B2B



BABABA



3B3B3B



# Same Dimension

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



095816



007313



09583C



272B28



006B12



00EB27



# Inverse Universe

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



58094B



730060



580925



2B272B



6B0059

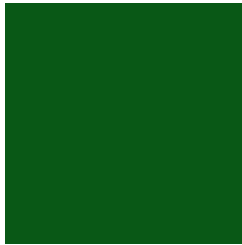


EB00C4



# Previews

## White Background



This preview shows how the Hex color 095816 looks on a white background.

## Color Contrast Check

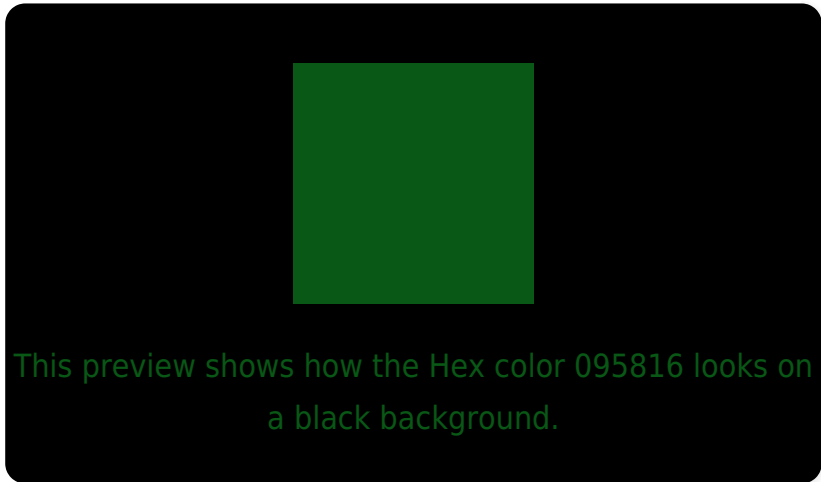
Large Text (above 18pt) WCAG AA ✓ Pass

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

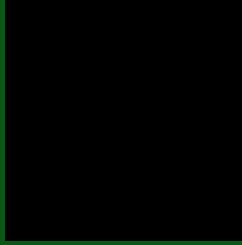
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 095816 Background



This preview shows how black text looks on a background with the Hex color 095816.



This preview shows how white text looks on a background with the Hex color 095816.

# 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**  
095816

**Protanopia**  
554C13

**Deuteranopia**  
5E481D



**Tritanopia**  
255259

# Trichromacy



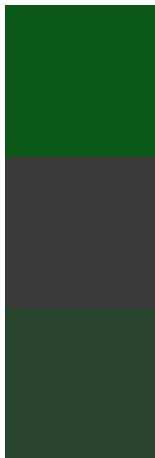
**Original Color**  
095816

**Protanomaly**  
395014

**Deuteranomaly**  
3F4E1A

**Tritanomaly**  
1B5441

# Monochromacy



**Original Color**  
095816

**Achromatopsia**  
393939

**Achromatomaly**  
28442C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 095816 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 #095816 looks like.

```
.text, #text, p{  
    color:#095816  
}
```

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 #095816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095816
}
```

## Border

The CSS property to change the border of an element to Hex 095816 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".

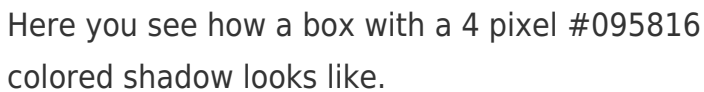
```
.border, #border, table{ border:4px solid
#095816 }
```

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

```
.border{ border-color:#095816 }
```

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

Here you see how a box with a 4 pixel #095816 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095816; -webkit-box-shadow:4px 4px  
4px 4px #095816; box-shadow:4px 4px 4px  
4px #095816 }
```

# Background

The CSS property to change the background color of an element to Hex 095816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095816 }
```

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

```
.background{ background-color:#095816 }
```

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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