

# Converting Colors

Hex(095103)

Have a look what the booklet for  
Hex(095103) contains.

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**Color**

**Hex(095103)**

# Conversions

## Conversions Part 1

Format	Color
Hex	095103
RGB	9, 81, 3
RGB Percent	4%, 32%, 1%
CMY	0.9647, 0.6824, 0.9882
CMYK	0.89, 0.00, 0.96, 0.68
HSL	115°, 93%, 16%
HSV	115°, 96%, 32%
XYZ	3.0715, 5.9495, 1.0726
YIQ	50.5800, -17.8740, -39.5220

# Conversions

## Conversions Part 2

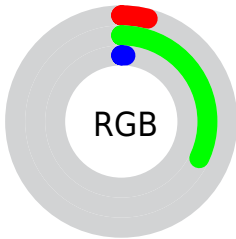
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	3, 81, 75
Decimal	610563
CIE Lab	29.28, -35.93, 35.20
CIE LCh	29, 50.303, 135.587
Yxy	5.9495, 0.3043, 0.5894
Android (android.graphics.Color)	4278800643 (0xFF095103)
YUV	50.5800, -23.4569, -36.4657
Hunter-Lab	24.3916, -20.2077, 14.4668

# Details

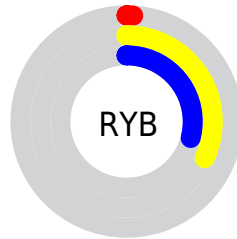
The Hex color **095103** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B0351**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **458336**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **065100**, and if you desaturate by 10%, it is **10510B**.

# Distribution



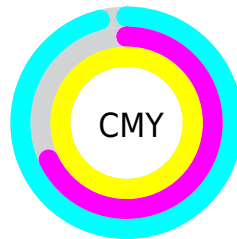
- Red (4%)
- Green (32%)
- Blue (1%)



- Red (1%)
- Yellow (32%)
- Blue (29%)



- Cyan (89%)
- Magenta (0%)
- Yellow (96%)
- Black (68%)



- Cyan (96%)
- Magenta (68%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 095103 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 095103 by changing the saturation by 10% instead.



 095103

 095103

 FFFFEF

 003900

 458336

 002500

 5F9E4E

 000000

 7AB967

 95D581

 B0F19B

 CDFFB7

 E9FFD2

 095103

 095103

■ 065100

■ 10510B

■ 185113

■ 1F511B

■ 275123

■ 2E512C

■ 365134

■ 3D513C

■ 455144

■ 4C514C

# Harmonies

## Analogous

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



434900



095103



005530

# Triad

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



095103



004F91



881333

# Complementary

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



095103



4B0351

# 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.



801859



095103



004391

# Square

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



095103



00557C



5F2F7C



7D290C

# Rectangle

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



095103



00564C



5F2F7C



881040



# Sweetspot

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



095103



4D694A



514B03



243623



B5B5B5



363636



# Same Dimension

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



095103



086900



035124



252925



12E800

# Inverse Universe

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



4B0351



610069



510330



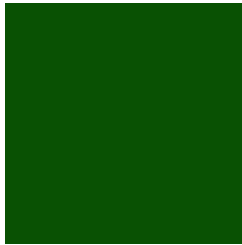
282529



D600E8

# Previews

## White Background



This preview shows how the Hex color 095103 looks on a white background.

## Color Contrast Check

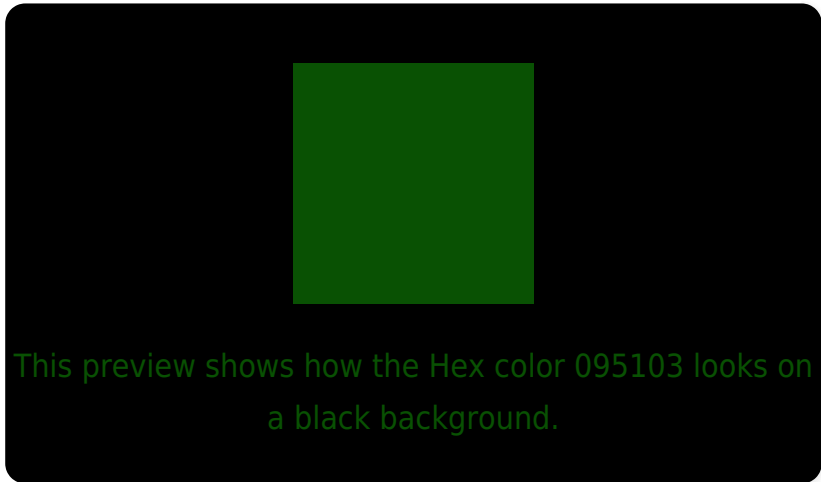
Large Text (above 18pt) WCAG AA ✓ Pass

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 095103 Background



This preview shows how black text looks on a background with the Hex color 095103.



This preview shows how white text looks on a background with the Hex color 095103.

# 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**  
095103

**Protanopia**  
4E4500

**Deuteranopia**  
574212





**Tritanopia**  
234B51

# Trichromacy



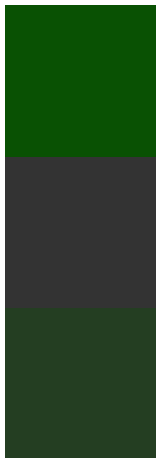
**Original Color**  
095103

**Protanomaly**  
354901

**Deuteranomaly**  
3B470D

**Tritanomaly**  
1A4D35

# Monochromacy



**Original Color**  
095103

**Achromatopsia**  
333333

**Achromatomaly**  
243E22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 095103 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 #095103 looks like.

```
.text, #text, p{  
    color:#095103  
}
```

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 #095103 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095103
}
```

## Border

The CSS property to change the border of an element to Hex 095103 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".

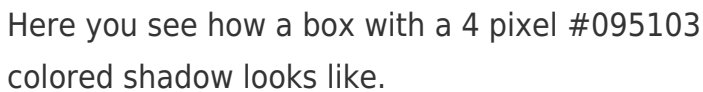
```
.border, #border, table{ border:4px solid
#095103 }
```

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

```
.border{ border-color:#095103 }
```

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

Here you see how a box with a 4 pixel #095103 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095103; -webkit-box-shadow:4px 4px  
4px 4px #095103; box-shadow:4px 4px 4px  
4px #095103 }
```

# Background

The CSS property to change the background color of an element to Hex 095103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095103 }
```

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

```
.background{ background-color:#095103 }
```

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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