

# Converting Colors

Hex(095128)

Have a look what the booklet for  
Hex(095128) contains.

<b>Hex(095128)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(095128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	095128
RGB	9, 81, 40
RGB Percent	4%, 32%, 16%
CMY	0.9647, 0.6824, 0.8431
CMYK	0.89, 0.00, 0.51, 0.68
HSL	146°, 80%, 18%
HSV	146°, 89%, 32%
XYZ	3.4381, 6.0961, 3.0029
YIQ	54.7980, -29.7510, -28.0150

# Conversions

## Conversions Part 2

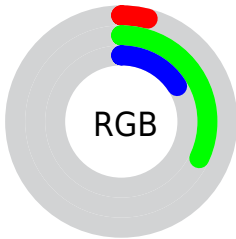
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 59, 81
Decimal	610600
CIE <sub>Lab</sub>	29.65, -31.42, 18.29
CIE <sub>LCh</sub>	30, 36.357, 149.803
Yxy	6.0961, 0.2742, 0.4862
Android (android.graphics.Color)	4278800680 (0xFF095128)
YUV	54.7980, -7.2954, -40.1648
Hunter-Lab	24.6904, -18.3523, 10.0721

# Details

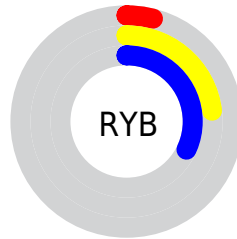
The Hex color **095128** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **510932**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **438356**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **015123**, and if you desaturate by 10%, it is **11512D**.

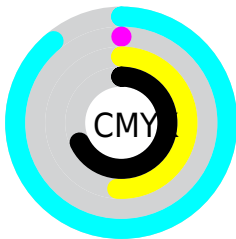
# Distribution



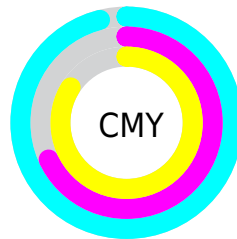
- Red (4%)
- Green (32%)
- Blue (16%)



- Red (4%)
- Yellow (23%)
- Blue (32%)



- Cyan (89%)
- Magenta (0%)
- Yellow (51%)
- Black (68%)



- Cyan (96%)
- Magenta (68%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 095128 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 095128 by changing the saturation by 10% instead.



 095128

 095128

FFFFFF

 003913

 438356

 002400

 5D9E6E

 000000

 77B988

 92D5A2

 ADF1BD

 C9FFD9

 E6FFF6

 095128

 095128

■ 015123

■ 11512D

■ 005123

■ 195131

■ 215136

■ 29513A

■ 31513F

■ 3A5144

■ 425148

■ 4A514D

■ 525152

# Harmonies

## Analogous

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



384C10



095128



005345

# Triad

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



095128



00497E



772F2C

# Complementary

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



095128



510932

# 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.



772B47



095128



453E77

# Square

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



095128



005076



683263



6A3A14

# Rectangle

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



095128



005358



683263



792C34



# Sweetspot

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



095128



4C6958



335109



24362C



B5B5B5



363636



# Same Dimension

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



095128



00692D



09514B



252926



00E864

# Inverse Universe

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



510932



69003C



51090F



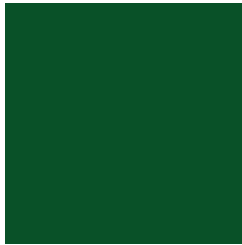
292527



E80084

# Previews

## White Background



This preview shows how the Hex color 095128 looks on a white background.

## Color Contrast Check

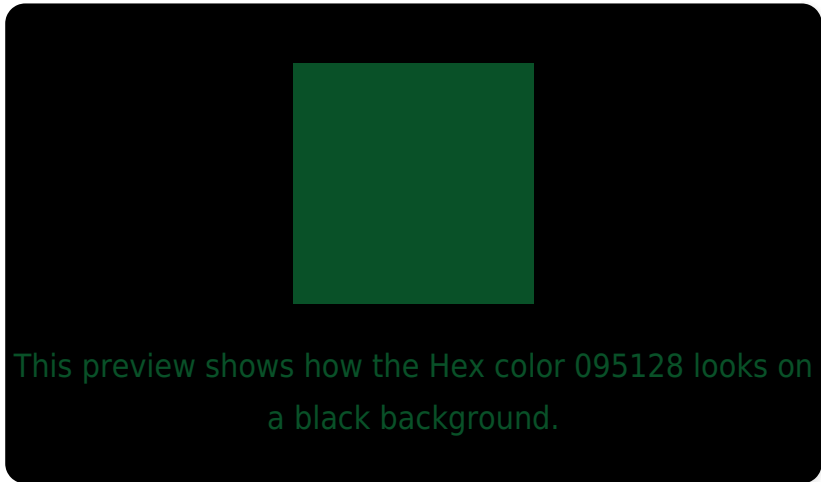
Large Text (above 18pt) WCAG AA ✓ Pass

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

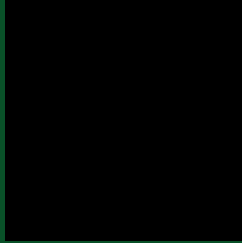
Any Text WCAG AA × Fail

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 095128 Background



This preview shows how black text looks on a background with the Hex color 095128.



This preview shows how white text looks on a background with the Hex color 095128.

# 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**  
095128

**Protanopia**  
4D4624

**Deuteranopia**  
54432C





# Trichromacy



**Original Color**  
095128

**Protanomaly**  
344A25

**Deuteranomaly**  
39482B

**Tritanomaly**  
184E43

# Monochromacy



**Original Color**  
095128

**Achromatopsia**  
373737

**Achromatomaly**  
264032

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 095128 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 #095128 looks like.

```
.text, #text, p{  
    color:#095128  
}
```

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 #095128 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #095128
}
```

## Border

The CSS property to change the border of an element to Hex 095128 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
#095128 }
```

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

```
.border{ border-color:#095128 }
```

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

Here you see how a box with a 4 pixel #095128 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #095128; -webkit-box-shadow:4px 4px  
4px 4px #095128; box-shadow:4px 4px 4px  
4px #095128 }
```

# Background

The CSS property to change the background color of an element to Hex 095128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#095128 }
```

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

```
.background{ background-color:#095128 }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor